

Catalogue

Rethink your acoustic ceilings and walls





Creating a world that sounds good to everyone

Over the past few decades, a growing focus on occupant wellbeing has started to reshape both modern building design and our understanding of how it can affect all aspects of human experience: how we heal, how we learn, how we work and how we enjoy our leisure time. Many organisations are now using these insights to undertake some much-needed renovation in order to create more people-friendly spaces.

In this context, architects, builders, managers and maintainers have to look more deeply at how the built environment affects how we feel and behave. And that's opened up a very human-centric dialogue, with the key question now being: "How do we ensure we design interiors that allow people to feel relaxed and comfortable, so they can concentrate, create and enjoy life more?"

Rockfon is an important part of this conversation. It's driving our focus on human wellness. And it's the reason why we put people at the heart of everything we do.





The impact of excess noise

The evidence is clear. From shopping malls to hospitals, from factories to schools and offices, noise is a major disturbance to work and concentration. Research shows that around 7 in 10 employees are unhappy with the acoustics in their workplace, and that each distraction leads to reduced concentration for 10-15 minutes.

Noise is not just a primary cause of lower productivity and higher absenteeism at work. In schools where children mishear or misunderstand their teacher, they're at a serious learning disadvantage. Noise can also be life threatening. In loud factories, workers can fail to hear approaching vehicles. In busy hospitals medical instructions can be misheard. And noise is a significant contributor to stress, which can lead to anxiety and depression.

How to optimise acoustics today

Solving the negative impact of noise is the primary focus of our acoustic solutions. But it is not the only thing that's detrimental to workplace wellbeing, so we've been adding innovative features to our products to create healthier, happier workplaces.

One of our focuses is on light. We have a beautiful range of ceiling tiles that reflect natural light throughout a building to help improve performance and visual comfort. We also improve hygiene in factories and hospitals with products that resist bacterial growth and are easy to disinfect and clean. We have a ceiling tile collection in inspiring, uplifting, energising and calming colours. And because our products are made from natural stone wool they resist fire, and act as a natural filter to improve indoor climate.

It's that unique combination of qualities – all contributing to wellbeing – that really sets us apart at Rockfon.

Looking to the future

It's an exciting space to play in and the start of great things to come. As a company we're looking into future innovations – for example using our ceilings to radiate heating and cooling in a broader space. We're also looking at other ways to bring innovative acoustics to design trends – from walls to acoustic furniture – and to increase our range for open plan spaces.

We've been inspired by everyone's contributions – from marketing to manufacturing and from our customers too. Thank you for continuing to support us in building Rockfon as a modern, sustainable business with a truly inspiring purpose – creating a world that sounds good to everyone.

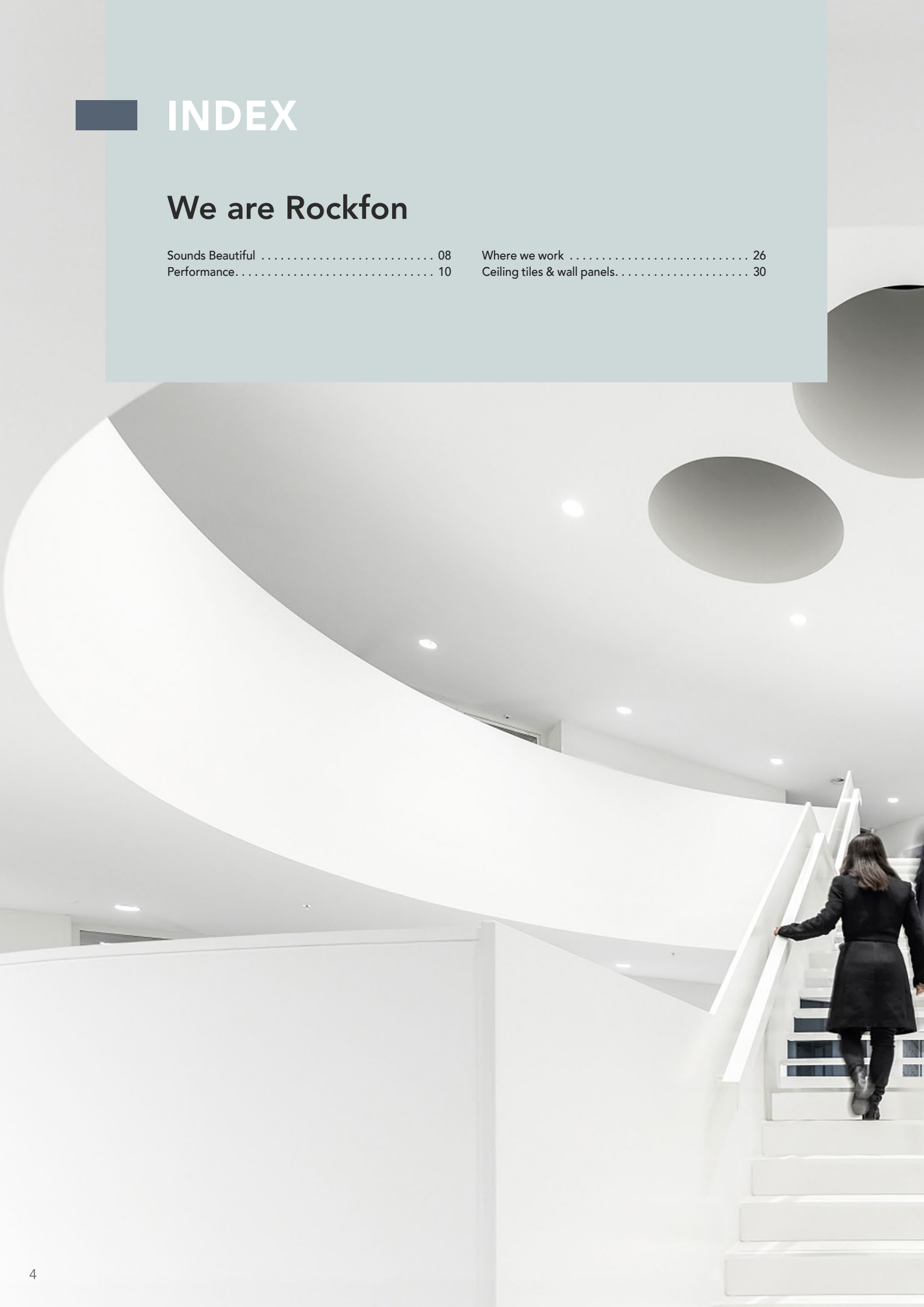
Parik Chopra
Managing Director, Rockfon

<https://www.leesmanindex.com>

INDEX

We are Rockfon

Sounds Beautiful	08	Where we work	26
Performance.....	10	Ceiling tiles & wall panels.....	30



Ceiling tiles & wall panels

Understanding the performance
of Rockfon stone wool products 41

MODULAR CEILING

DESIGN WHITE

Rockfon Blanka®	42
Rockfon Blanka® Activity	44
Rockfon Blanka® dB 35	46
Rockfon Blanka® dB 41	48
Rockfon Blanka® dB 43	50
Rockfon Blanka® dB 46	52
Rockfon Blanka® Bas	54
Rockfon® Sonar®	56
Rockfon® Sonar® Activity	58
Rockfon® Sonar® dB 35	60
Rockfon® Sonar® dB 41	62
Rockfon® Sonar® dB 43	64
Rockfon® Sonar® dB 46	66
Rockfon® Sonar® Bas	68

DESIGN DECORATION

Rockfon Color-all®	70
Rockfon Color-all® Special	74
Rockfon® Ligna™	76

CORE WHITE

Rockfon® Koral®	78
Rockfon® Koral® Tenor	80
Rockfon® Koral™ 100 mm	82
Rockfon® Tropic™	84

BASIC WHITE

Rockfon® Arctic®	86
Rockfon Pacific®	88
Rockfon Pacific® 15mm	90
Rockfon® Sofit™	92

SPECIAL APPLICATIONS

HYGIENE

Rockfon® CleanSpace™ Essential	94
Rockfon® CleanSpace™ Pro	96
Rockfon® CleanSpace™ Block	98
Rockfon® CleanSpace™ Pure	100
Rockfon® CleanSpace™ Air	102

HEALTHCARE

Rockfon® MediCare® Standard	104
Rockfon® MediCare® Plus	106
Rockfon® MediCare® Air	108
Rockfon® MediCare® Block	110

IMPACT RESISTANCE

Rockfon® Samson™	112
Rockfon® Boxer™	114

THERMAL INSULATION

Rockfon® Facett™	116
----------------------------	-----

INDUSTRY

Rockfon® Industrial™ Black	118
Rockfon® Industrial™ Opal	120
Rockfon® Industrial™ Nature	122
Rockfon® Cosmos™ Grey	124

ACOUSTIC ADDITIONS

Rockfon® Soundstop™	126
-------------------------------	-----

COMPLEMENTARY PRODUCTS

Rockfon® Rocklux®	128
-----------------------------	-----

ISLANDS

Rockfon® Eclipse™	130
Rockfon® Eclipse™ Colour	132
Rockfon Eclipse® Customised	134

BAFFELS

Rockfon Contour®	136
Rockfon® Universal™ Baffle	138
Rockfon Humitec® Baffle	140
Rockfon® Industrial™ Baffle	142

WALL PANELS

Rockfon Eclipse® wall panel	144
Rockfon® Samson™ wall panel	146
Rockfon® VertiQ®	148

DESIGN PRODUCTS

DIVIDERS

Rockfon® Canva™ Floor Screen	150
Rockfon® Canva™ Hanging Divider	154

DESIGN DECORATION WALL

Rockfon® Canva™ Wall Panel	158
Rockfon® Lamella™	162

DESIGN DECORATION ISLAND

Rockfon® Hub™	164
-------------------------	-----

INDEX

Suspension grids

Understanding the performance
of Chicago Metallic™ grids and accessories 169

STANDARD GRIDS

Chicago Metallic™ T24 Click 2890 170
Chicago Metallic™ T15 Click 2790 172

DESIGN & COLORED GRIDS

Chicago Metallic™ Ultraline® 3500 174
Chicago Metallic™ T24 Click D2890 ECR Class D . . 176

LONG SPAN

Chicago Metallic™ T 24 Universal Longspan 8280 . 178

Rockfon systems

MODULAR CEILING SYSTEMS

■ CONCEALED CEILING SYSTEM ■

Rockfon® System T24 X™ 204

■ SEMI-CONCEALED CEILING SYSTEM ■

Rockfon® System T24 M™ 205
Rockfon® System T24 E™ 206

WALL ANGLES

Chicago Metallic™ L-profiles 180
Chicago Metallic™ L-profiles Corrosion Resistant . 181
Chicago Metallic™ L-profiles Reinforced 182
Chicago Metallic™ L-profiles Specials 183
Chicago Metallic™ J-profiles 184
Chicago Metallic™ W-profiles 186
Chicago Metallic™ Flexible Wall Angles 187
Chicago Metallic™ Alu transitions 188

ACCESSORIES

Nonius hangers 190
Hold-down clips 191
Suspension clips 192
Spacer bars 193
Stiffening profiles 194
Double layer clips 195
Corrosion resistant (D) 196
Various applications 197

■ VISIBLE GRID CEILING SYSTEM ■

Rockfon® System T24 A™ 206

■ CEILING SYSTEM FOR SPECIAL APPLICATIONS ■

Rockfon® System B Adhesive™ 207

ISLANDS

Rockfon® System Eclipse Island™ 208



A misty forest of evergreen trees, likely spruce or fir, with a white text box in the center. The background is a soft, hazy green and blue, suggesting a misty or foggy day in a forest. The trees are dense and layered, creating a sense of depth and atmosphere. The white text box is positioned in the middle of the image, containing the title 'Sounds Beautiful' in a bold, black, sans-serif font.

Sounds Beautiful

When we set out to create the best acoustic solutions on Earth we started with people. The student struggling to hear. The business person trying to concentrate. The couple wanting an intimate conversation over dinner out.

It inspired our beautiful range of colours and styles. It expanded our vision to go beyond acoustics and design products that improve visual comfort, reflect daylight, resist moisture and repel bacteria. And it drives our continual innovation to transform human wellbeing.



Quality

Every single Rockfon acoustic solution is built to perform flawlessly and last almost indefinitely. We design them to be as beautiful to the eye as they are to the ear, while being simple to install and maintain.

Trust

The trusted relationships we've built with our partners and customers allow us to thrive. We don't take that trust lightly. It inspires us to be a driving force on your team. To commit to your goals. To exceed your expectations. And create your success.

Sustainability

Sustainability sits at the heart of our research and development. It's why we use natural stone, constantly reduce our carbon footprint and recycle to look after our planet and our people.

Innovation

Our innovation teams lead the field with new designs that don't just absorb noise, they add value with hygienic and light reflecting properties, as well as beautiful uplifting colours that promote wellbeing at work, rest and play.



Sound absorption

Stone wool, the core material used in our acoustic tiles and panels, is by nature a highly sound-absorbent material. This allows you to achieve high levels of acoustic comfort without having to use ceilings tiles with dimples, perforations or holes.

- Most of our products have Class A sound absorption.
- All products are independently tested in certified laboratories using an Alpha w (α_w) measurement in accordance with ISO11654.
- Our solutions for healthcare conform to HTM 08-01 Acoustics for hospitals.



Sound insulation

Our solutions reduce the level of distraction and the harmful effects of noise, while still creating a flexible, private and engaging environment. Ceilings that both absorb and insulate noise can block sound emitting from the room next door or the floor above, thus lowering distracting influences while delivering the privacy necessary for sharing sensitive information.

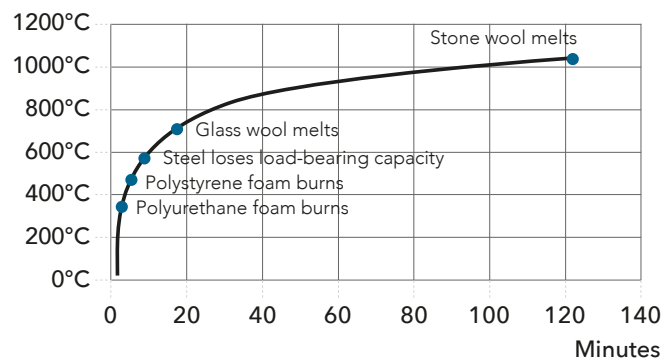
- Rockfon dB products combine the benefits of great sound insulation and superior sound absorption.
- If two adjacent single-person offices have Rockfon dB ceilings, distractions instigated by room-to-room sound transmission can be reduced to 0.5%.
- With a Rockfon Class A sound absorber you can increase the seats in a restaurant by as much as 29% while still maintaining the same acoustic comfort, when compared with a mineral wool Class C sound absorber.



Fire performance

The use of non-combustible materials, like stone wool, in buildings can help the fire from spreading and play a vital role in keeping occupants safe.

We have invested heavily in fire testing and related developments. Most of our ceiling tiles and grids are rated the safest possible - A1.



Behaviour of different materials according to the standard time/temperature curve of Fire resistance standard ISO 834.



Fire resistance

This term indicates how well a building construction can hold back fire and prevent it from moving from one space to another for a stated period of time.

It measures three criteria:

- **R:** Load bearing capacity - to provide strength and stability of the building element
- **E:** Integrity - to keep the element intact
- **I:** Insulation - to keep the temperature low on the unexposed side of the material

The inherent fire resilience properties of stone wool and metal grids ensure that our ceilings provide high fire protection abilities.

- A range of Rockfon systems are classified in accordance with European Norm EN 13501 2 and/or national norms, proving their fire resistance performance.



Reaction to fire

- The EU Reaction to Fire evaluation criteria (EN 13501-1) measure a material's ignitability, rate of heat release, spread of flame, rate of smoke emission, flaming droplets/particles and/or a combination of these safety aspects.
- A1 is the highest classification. A1 classified products do not contribute to the development and spread of fire. It is assessed that they generate neither smoke nor flaming droplets. Most of our ceiling tiles and grids are rated A1.



Light reflection

The quality of lighting can affect everything that we do. Beyond aiding vision, light has a direct effect on the areas of our brain that act as a stimulant, keeping us alert and better able to perform cognitively.

Daylight is a great means to reduce our dependency upon electrical lighting and promote well-being. There are several ways that an architect can optimise design and building orientation to capture natural light. As the ceiling is the only surface in a room that is completely visible, its light reflection should be as high as possible to make effective use of the light.

- A ceiling with the right combination of high light reflection and a good spread of light (light diffusion) creates a uniform and accurate spread of light and helps reduce electricity costs.
- Rockfon Blanka tiles have a smooth, deep matt surface with high light reflection and diffusion, reducing the need for artificial light by up to 11% and capitalising on sunlight to save energy.
- According to a recent survey, 60% of respondents identified light as a feature that will remain on the healthy building agenda in the near future.*

*Smart Market Report 2016, Dodge Data and Analytics



Indoor air quality

Although we cannot control the quality of the outside air or ventilation, we can ensure that our products contribute positively to the indoor environment.

- All our products fulfill E1 classification, guaranteeing that they exceed European Union requirements for formaldehyde emission.
- The strict Finnish Indoor Climate label, M1, and the Danish Indoor Climate Label have been attributed to our products, showing that they go way beyond the legal requirements for emissions in indoor environments.
- Most of our products comply with the French VOC A+ standard and the California Department of Public Health (CDPH) emission regulation standard.
- Some of our products are classified ISO Class 5 or less, meeting cleanroom requirements for particle emissions.
- We do not use photocatalysts, as scientific studies have found they can contribute to secondary emissions that are detrimental to human health. (WHO 1989, Wolkoff et al 1997).





Cleaning

Choosing building materials that can be regularly cleaned and don't contribute to the spread of microorganisms can have a big impact on the indoor environment and the building user.

- Our ceilings can be cleaned with a vacuum cleaner fitted with a soft brush attachment.
- Selected ceilings, like Rockfon Blanka, with a micro-textured surface, can be cleaned using a damp cloth or sponge.
- Rockfon MediCare Plus and Rockfon MediCare Air products have a durable, highly water-repellent surface that resists diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide. They can also be disinfected twice a year using steam cleaning following a protocol defined by experts and using an adapted surface mop.
- Our data sheets contain details on the cleaning properties of our products



Hygiene

A building material's surface plays an important role in limiting the spread of bacteria and infection, which is why many sectors have such stringent health codes on the types of materials they can use.

- The Rockfon MediCare range offers four levels of hygienic performance (Rockfon MediCare Standard, Rockfon MediCare Plus, Rockfon MediCare Air and Rockfon MediCare Block) designed to meet the requirements of zones with different levels of infection risks in healthcare facilities.
- All Rockfon MediCare products meet low particle emission requirements and have a clean room classification of ISO Class 5 or better (ISO 14644-1).
- Our ceiling tiles are made of water-repellent stone wool. Stone wool provides no sustenance to the following microorganisms (tested in accordance with JIS Z 2801:2000, ASTM C 1338-96 and NFS 90-351:2013: *Escherichia coli*, *Staphylococcus aureus*, *Methicillinresistent staphylococcus aureus (MRSA)*, *Stachybotrys chartarum*, *Penicillium brevicompactu*, *Alternaria tenuissima*, *Aspergillus Brasiliensis*, *Sporobolomyces roseum*, *Rhodotorula rubra*



Corrosion resistance

Our acoustic ceiling and wall solutions are also used in humid environments, such as swimming pools, shower rooms, kitchens, wellness, etc. The humidity can affect a standard suspension system, the steel can corrode, endangering the stability of the system. We offer specific Chicago Metallic solutions with increased corrosion protection class D.

Periodic checks

We would like to point out that ceilings with increased corrosion protection should be included in the list of necessary periodic checks, because increased corrosion protection delays corrosion but does not prevent it. These checks must be carried out under the responsibility of the owner/operator of the building.

Local conditions such as humidity, HVAC systems, ventilation volumes and frequencies, choice of disinfection and cleaning agents, renovations and/or alterations, etc., are not under the control and/or responsibility of the ceiling fitter, supplier or manufacturer.

ECR klasse D – EN13964

The D850/D2890/D8280 suspension system with increased corrosion protection consists entirely of profiles made of steel strip with multiple protective layers and must be mounted with accessories with appropriate increased corrosion protection. The first layer is formed by means of the Sendzimir galvanizing procedure according to the high quality standard EN 10346, resulting in a nominal zinc layer thickness of 20 microns per side, class Z275 (275 g/m²).

The steel strap is then lacquered on both sides on top of this zinc layer by means of a coating, a modified primer and a high-quality polyester lacquer as an additional finishing layer. Thanks to this process, an increased corrosion protection ECR class D according to EN13964 is created, which has proven itself during standardized salt spray tests, among other things.

In addition to the above systems, we also offer the Rockfon Humitec Baffle within our ECR range. On request, other systems in ECR class D are also available.



Humidity and sag resistance

In buildings under construction which are not yet hermetically sealed or where materials have not dried out, moisture problems can occur. Additionally, in wet rooms such as swimming pools, kitchens and sanitary areas, humidity levels can be exceptionally high.

Humidity can weaken the structure of certain ceiling materials and cause them to sag. In extreme cases, they may even fall out of the grid. Equally, corrosion of metal parts can provide a hazard that should be avoided by installing suspended ceilings with enhanced corrosion resistant (ECR) grids.



Impact resistance

Along with sound absorption, the impact resistance of construction materials is an important issue in schools and gyms. Ceilings in these kinds of areas need to be able to withstand tougher-than-average wear and tear, as well as frequent demounting.

- The Rockfon System Olympia^{Plus} A Impact 1A provides best in class impact resistance.
- Rockfon Boxer ceilings feature a reinforced surface giving them superior mechanical resistance.

The impact resistance of suspended ceilings is tested according to EN 13964:2014 annex D and evaluates the total ceiling system (tiles and all grid components). The test procedure indicates the ability of a ceiling to resist the incidental impact of balls under normal conditions in sports halls. It defines three impact resistance classes:

- Class 1A ceilings should be installed in any sports hall where heavy-impact ball sports are played.
- Class 2A ceilings can be installed in sports centres where low-impact ball sports are played and in heavy-duty school areas.
- Class 3A ceilings can be installed in rooms where the ceiling must fulfil basic requirements on impact resistance e.g. classrooms, school corridors.



Thermal insulation

Buildings are responsible for 40% of the EU and US energy consumption and a major contributor to man-made CO₂ emissions. Better insulation of buildings can reduce emissions caused by the use of fossil fuels for heating and cooling.

- Stone wool has intrinsic thermal insulation, making it useful in shopping malls constructed on top of parking stations, in flat-roof buildings or old buildings with cold cellars.
- We provide products specially designed for thermal insulation in combination with acoustic absorption.
- Our ceilings can be calculated as part of the total thermal insulation solution taking into account building physics (e.g. condensation, avoiding thermal bridges, etc).



CE-markering

Customers need to be able to trust the declared performance of ceiling manufacturers and that is exactly the purpose of CE marking. The European Committee for Standardisation (CEN) introduced the EN 13964 norm for suspended ceilings which has been mandatory since 1st July 2007.

It aims to make it easier to compare suspended ceilings by defining product characteristics which can or must be declared on product labels and documentation.

All of our relevant ceiling tiles have been CE marked since October 2005, across all our factories in Europe. Plus we have chosen the highest level of attestation and verification conformity AVCP1. Rockfon parameters that are now declared for each of our CE marked products include:

- The mandatory properties, Reaction to Fire and Emission of Formaldehyde, plus
- Sound absorption, flexural tensile strength, durability, thermal insulation;
- Values for light reflection, impact resistance and sound insulation, when relevant.

Our certified Quality Assurance System ensures that declared product performance is always reliable and uniform. Independent certification organisation – Belgian Construction Certification Association (BCCA) – has verified our initial type testing program and continuously retains our product documentation and production facilities under surveillance.

- All declared AVCP1 and 3 values have been tested and verified by independent and accredited/notified laboratories.
- Our continuously audited Factory Production Control will always ensure that customers receive products that live up to the standards of the product performance declared under the CE mark.
- Chicago Metallic™ ceiling grids and substructure components are also CE marked, declaring mandatory values for reaction to fire, durability, and load-bearing capacity.



Guarantee

Our ceiling tiles are dimensionally stable at up to 100% relative humidity and can be installed at temperatures ranging from 0°C to 40°C. No acclimatization period is necessary, and Rockfon ceiling tiles can be installed in the early stages of construction (when the windows are not fully sealed) without any risk of distortion.

Their lightweight, yet stable non-hygroscopic character, minimizes the final weight of the fully-installed ceiling and also reduces the number of hangers needed for their installation. In accordance with EN 13964 our Chicago Metallic™ grid assortment is classified in four classes of grids,- A,B, C, and D- with B being the standard in regular conditions such as an office, retail and schools. For environments with a high relative humidity (>90%) and high risk of condensation, Class D grids should be installed with Enhanced Corrosion Resistance.

All Rockfon products come with a 15-year product guarantee. For more information and conditions, please contact your local representative.





Sustainability

We don't think the next generation of acoustic solutions should be at the expense of the next generation of people. That's why we work continuously to be more sustainable at every stage in the lifecycle of our products. And it's why we use natural stone, recycle as part of the circular economy and commit to reducing our carbon footprint every year.



1. Raw materials

- The volcanic stones used to produce stone wool are a natural raw material and one of the world's most abundant resources.
- Our products have a high recycled content as we do not only recycle our own waste but also upcycle from other industries (for product specific information you can check the Sustainability Declarations on our website).
- More than 90% of our suppliers have signed the ROCKWOOL Code of Conduct which sets our sustainability goals and principles aligned with the UN Sustainability Development Goals.



2. Manufacturing

- All of our factories are certified to the ISO 14001 standard for Environmental Management Systems.
- None of our factories send stone wool waste to landfill.
- In half of our stone wool factories the electricity is matched to renewable sources by the purchase of Renewable Energy Certificates.
- Our grid factory obtains 60% from its energy from solar panels installed on site.
- Our production process is designed for zero wastewater discharge to the environment and we have a goal to reduce water intensity by 10% until 2022.
- We are committed to reducing the carbon intensity of our production and, in 2016, set a goal to reduce carbon intensity by 20 percent by 2030.



3. Distribution

- Our products have low weight per m² reducing fuel consumption and consequently emissions.
- Our pallets have optimal dimensions that take up the entire volume of the truck without leaving empty spaces.
- We try to ensure that we consolidate orders and fill up the entire truck with our load.
- We have reduced our product packaging increasing stacking space and reducing the negative impacts of additional deliveries.



Certifications

- If you need green building certification, such as LEED®, BREEAM®, DGNB®, WELL, HQE, Verde, Greenstar or similar, we can help. Our products and solutions have documented benefits and you can check the credits you earn in each certification scheme by downloading our sustainability declarations.
- We publish our Environmental Product Declarations (EPDs) to communicate the environmental profile of our products. The EPDs are product specific and third party verified according to the standard EN15804 and so give you full points in the building certification scheme assessments.
- Our products improve the indoor climate through optimised acoustics, high light reflection, air quality standards and enhanced aesthetics, which all contribute to the social sustainability and wellbeing of building occupants.



4. Indoor Use & Air Quality

- Our products have been awarded the best-in-class indoor climate labels like the French VOC A+, Greenguard Gold, Finish M1, Blue Angel, Singapore Green Building Product Certificate, and the Danish Indoor Climate Label
- When installed in the building our products have a long lasting performance and do not degrade over time, keeping their technical characteristics (E.g. fire and acoustic performance) as long as they are installed in the building.



5. End of Life

- Our products can be easily dismantled and removed from the ceiling and be reused or recycled.
- Our stone wool and metal grid products are available for closed-loop recycling.
- We have established recycling systems in many European markets which deliver old stone wool products back to our factories.

Where we work

Our solutions are designed for every imaginable space. Whether you're working on a school or hospital, restaurant or retail space, we have solutions tailored to the specific needs of that type of space.



Office

Our ceilings and wall solutions don't just have high noise reduction values, they're resistant to mould and bacteria and are easy to clean. They also come in a range of colours – from calm and inspiring to energising. And some models even reflect daylight for visual comfort and wellbeing.

Noisy office? We can help

Our acoustic solutions make today's office sound as good as it looks, helping people to create, concentrate and collaborate, and improving productivity and wellbeing at work.

66% decrease of staff performance, because of noisy offices¹⁾

48% increase of employee focus, when working in offices with good acoustics²⁾

1) https://j4kul1vgvnqzak62jhqi1e4-wpengine.netdna-ssl.com/wp-content/uploads/2020/07/The_Rise_and_Rise_of_Activity_Based_Working_Research_book.pdf
2) Lloyd's Register Consulting - Energy A/S, Sound Insulation and Productivity 2017

Education

When you install our products you make a responsible choice for your students' future, as well as your school. Sourced from natural stone, they're sustainably manufactured and the Rockwool Group recycles 130,000 tonnes of them every year.

Do you like the sound of a happier, healthier school?

Our acoustic solutions reduce noise levels in classrooms, sports halls, swimming pools and canteens so that students can hear, concentrate, learn, relax and play.

77% of students said 'noise', when asked what was most disturbed their learning¹⁾

31% of students say they can only 'pretty much' hear what is being taught in class²⁾

¹⁾ www.leapcraft.dk/blog/2018/06/15/great-indoor-climate-international-school.html

²⁾ https://dmskoleudvikling.dk/sites/default/files/indeklima-og-fagl-udbytte-rapport-plus-appendiks_dcum.pdf





Healthcare

Our acoustic solutions have specific properties that improve both healthcare and wellbeing. Our ceilings and wall tiles don't just have high noise reduction values, some even reflect daylight to save energy and create a pleasant, healthy environment.

The sound of good health

Our acoustic solutions do more than reduce noise, they also create calmer, hygienic spaces where patients can rest and heal and medical staff can hear and concentrate.

Noise can increase

a patient's heart rate, blood pressure and breathing¹⁾

100dB

and even higher noise levels have been measured in intensive care units²⁾

¹⁾ Specialist services Health Technical Memorandum 08-01: Acoustics, UK Department of Health 2013

²⁾ <https://www.sciencedaily.com/releases/2018/11/181119064139.htm>

Industry

Every workplace should be a safe place. But high levels of noise bring unnecessary risk to workers by preventing them from hearing instructions, warnings, even approaching vehicles. On top of that, long-term exposure to occupational noise is as a key contributor to stress and hearing loss, making it a serious issue for health and wellbeing.

It's time to make noise about worker safety

Create safe, healthy and productive factories and industrial buildings with our acoustic solutions. They don't just reduce noise, they also improve hygiene, safety and air quality.

2.2%

of fatal workplace accidents, is noise a factor¹⁾

7%

of workers in Europe believe their work affects their hearing²⁾

¹⁾ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4900492/>

²⁾ <https://osha.europa.eu/en/publications/reports/6905723/view>





Retail

If you want people to spend more in malls and stores, they need to sound as good as they look. Recent research shows that shoppers stay longer with in shops with relaxing soundscapes. And that's important because every 1% increase in time equates to a 1.3% increase in sales. As a result, stores that optimise their acoustic design can increase their revenue by up to 10%.

Sounds good for business

Our acoustic solutions create pleasant, welcoming soundscapes in malls and retail venues so that customers are relaxed and inclined to stay longer and spend more.

28% decrease of retail sales, when stores have poor soundscapes¹⁾

10% increase of retail sales, when acoustics are optimised²⁾

¹⁾ Sound Business, Julian Treasure, Management Books 2000 Ltd.
²⁾ <https://link.springer.com/article/10.1007/s11747-018-0583-8>

Leisure

If you want people to enjoy themselves and spend more time and money, your leisure facilities need to sound as good as they look. That's because research shows 76% of people would dine out more often if restaurants were quieter. 74% of hotel guests say it's essential for sleep.

Sounds like a great place to have fun

Our acoustic solutions create beautiful soundscapes in hotels, restaurants, sports facilities, galleries and museums, so your customers enjoy themselves, stay longer and spend more.

74% of travellers say a quiet guestroom is the key to a good night's sleep¹⁾

72% of people have left a restaurant early because of the noise²⁾

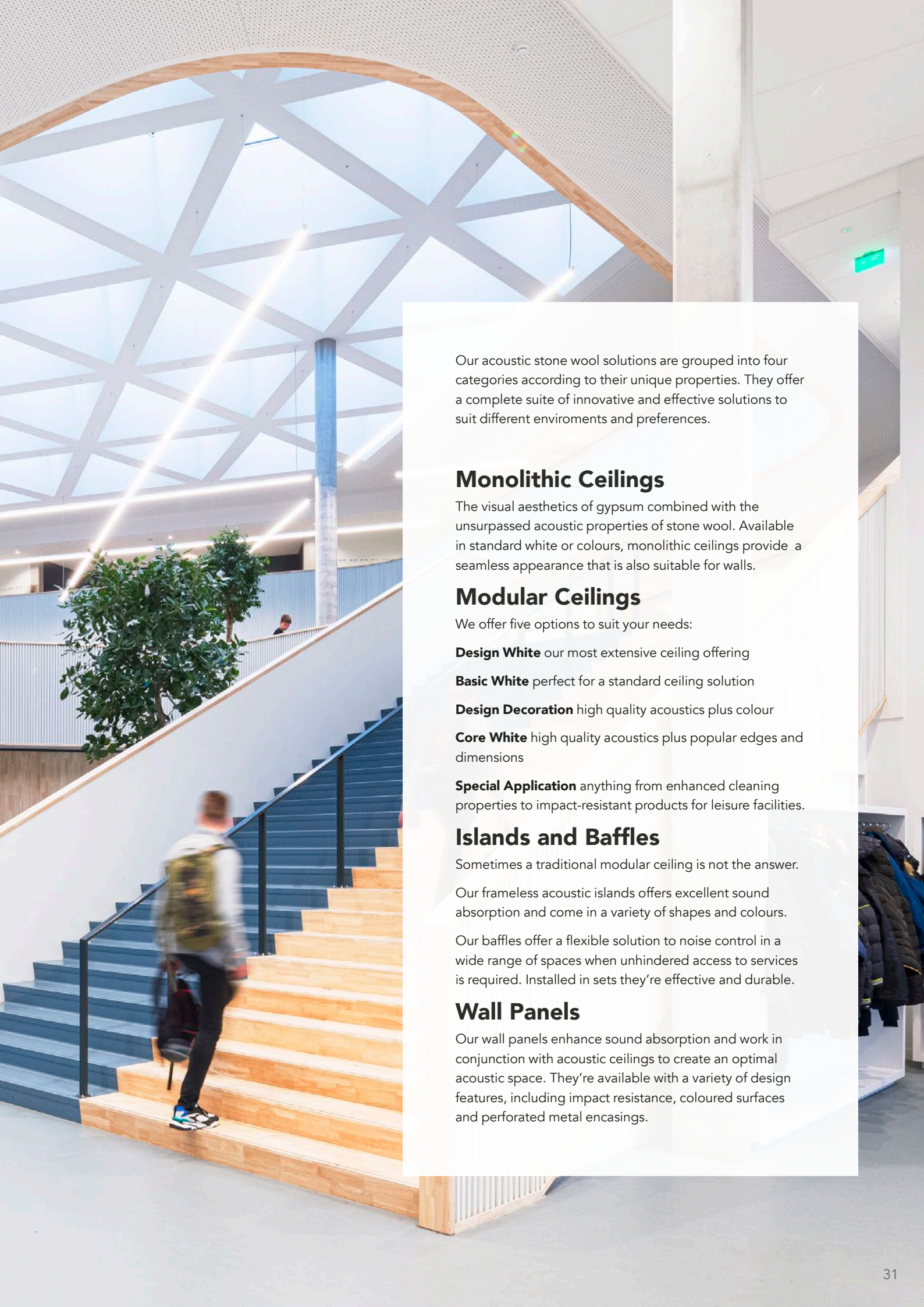
¹⁾ <https://eu.usatoday.com/story/travel/roadwarriorvoices/2017/10/02/hotels-try-shut-out-noise-guestrooms/714923001/>

²⁾ https://j4kul1vgvngfzak62jhqi1e4-wpengine.netdna-ssl.com/wp-content/uploads/2020/07/The_Rise_and_Rise_of_Activity-Based_Working_Research_book.pdf





Ceiling tiles & wall panels



Our acoustic stone wool solutions are grouped into four categories according to their unique properties. They offer a complete suite of innovative and effective solutions to suit different environments and preferences.

Monolithic Ceilings

The visual aesthetics of gypsum combined with the unsurpassed acoustic properties of stone wool. Available in standard white or colours, monolithic ceilings provide a seamless appearance that is also suitable for walls.

Modular Ceilings

We offer five options to suit your needs:

Design White our most extensive ceiling offering

Basic White perfect for a standard ceiling solution

Design Decoration high quality acoustics plus colour

Core White high quality acoustics plus popular edges and dimensions

Special Application anything from enhanced cleaning properties to impact-resistant products for leisure facilities.

Islands and Baffles

Sometimes a traditional modular ceiling is not the answer.

Our frameless acoustic islands offers excellent sound absorption and come in a variety of shapes and colours.

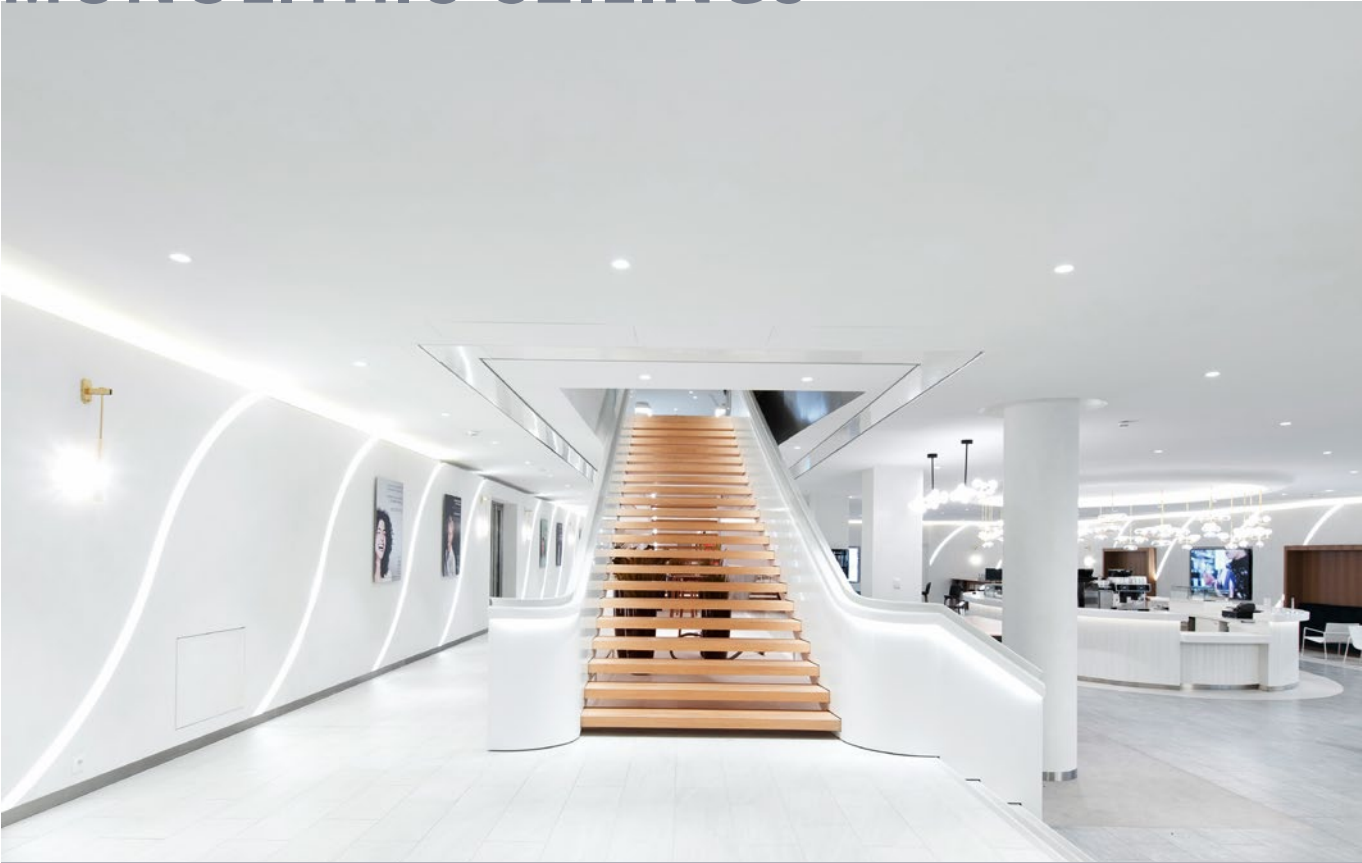
Our baffles offer a flexible solution to noise control in a wide range of spaces when unhindered access to services is required. Installed in sets they're effective and durable.

Wall Panels

Our wall panels enhance sound absorption and work in conjunction with acoustic ceilings to create an optimal acoustic space. They're available with a variety of design features, including impact resistance, coloured surfaces and perforated metal encasings.



MONOLITHIC CEILINGS



Our undisturbed and expressive surface brings great acoustic comfort and a crisp, clean monolithic aesthetic to any space – new build or renovation, big project or small.

Suspended TE
Ready-Mix Render



Direct TE
Ready-Mix Render



Flecto TE
Ready-Mix Render



Suspended TE
Elegant Render



Direct TE
Elegant Render

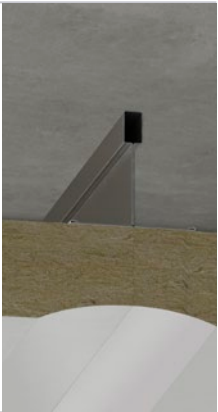
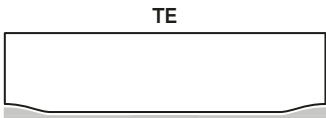


TE
Elegant Render



TE-edge

Rockfon Mono Acoustic is installed either using the Chicago Metallic Monolithic grid or directly fixed to the existing soffit, ceilings and walls. Then all visible joints between the tiles are concealed with filler. A finish render (white or colour-matched) is applied which creates a monolithic, seamless surface. The Rockfon Mono Acoustic system can only be installed by specially trained and authorized installers – please check availability of the product for your market. Contact customer service for details.



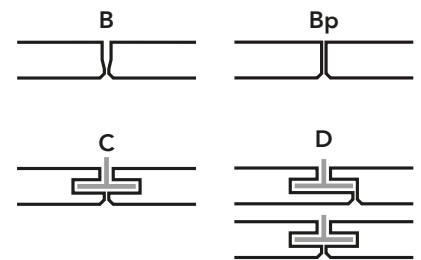
MODULAR CEILING



Create the ceiling expression you want by combining a wide range of edges, module sizes and visual aesthetics. Our modular ceiling's extensive variety of edges brings a wealth of design opportunities to any room with our concealed grid, semi-concealed grid or a visible grid ceilings.

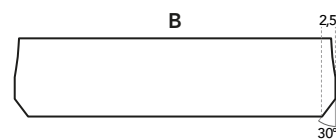
CONCEALED GRID CEILINGS

These minimalistic edges conceal the suspension grid or when mounted directly to the soffit provide a near-seamless appearance. When used as a suspended ceiling, it allows for easy integration of service installations such as lighting, ventilation, smoke detectors and sprinklers.



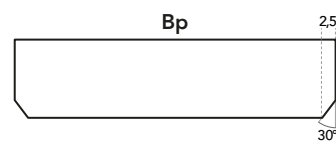
B-edge

B-edge tiles are glued directly to the structural soffit or existing ceiling surface. The edge is constructed for optimal junctions of the panels next to each other but the tile also has 4-sided painted edges for an elegant look when glued with gaps in between or as an island where outer edges are visible. B-edge tiles are not demountable.



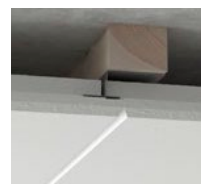
Bp-edge

The Bp-edge tiles are mounted directly to the structural soffit or existing surface with either screws or hooks. The edge is straight with a slight bevel for a nice ceiling appearance.



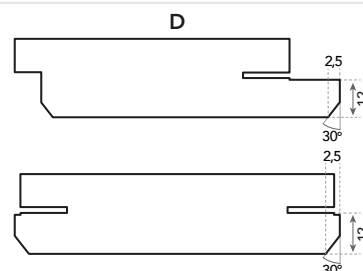
C-edge

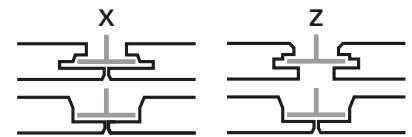
C-edge is used primarily for mounting on sloping or vertical surfaces. C-edge is also suitable when the ceiling should be installed in rooms with pressure difference, for example, clean rooms or entrances. C-edge tiles can not be demounted individually.



D-edge

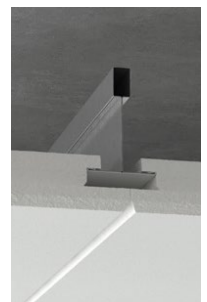
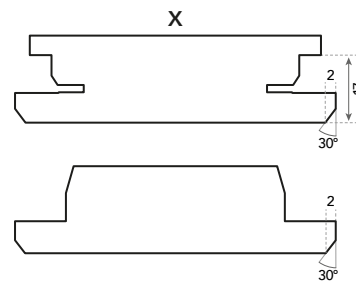
Use D-edge to create a concealed grid ceiling while retaining access to the ceiling void. Its design allows for easy installation and demounting.





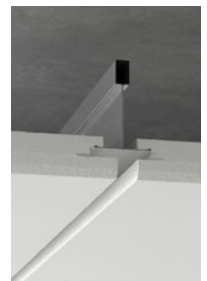
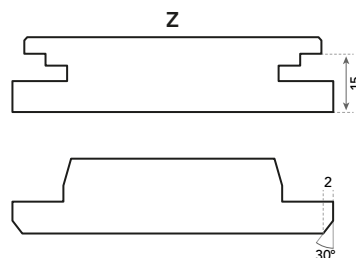
X-edge

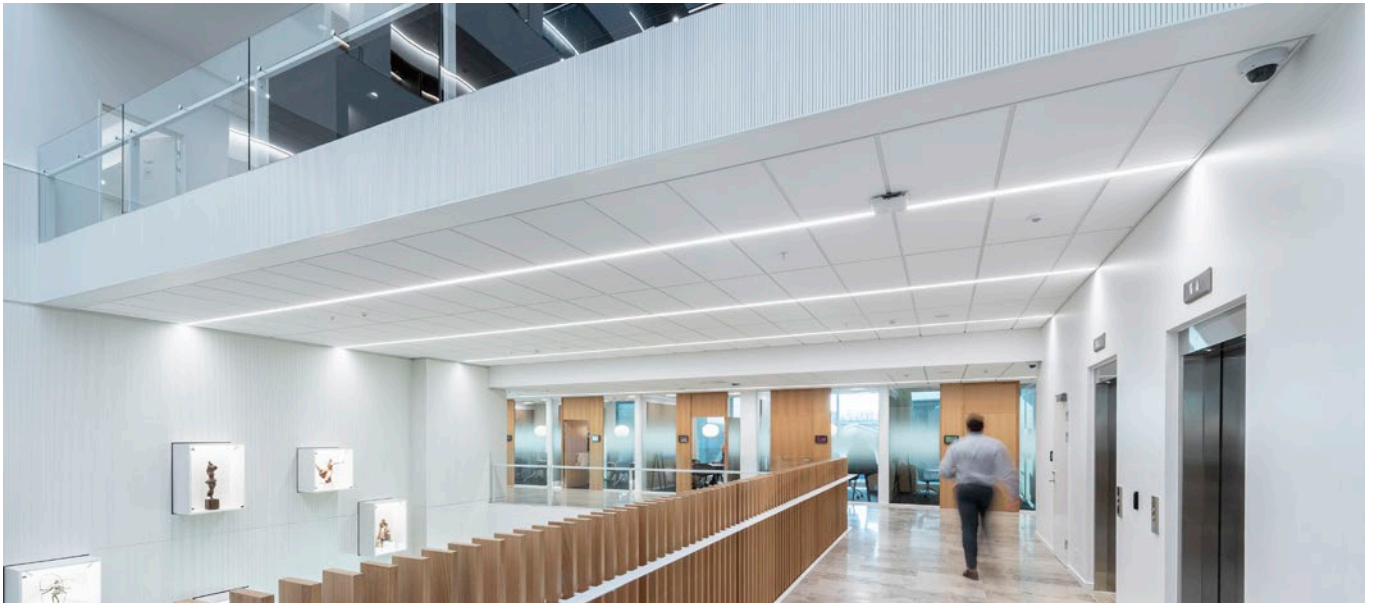
X-edge tiles can be suspended on a grid or can be mounted directly on the soffit by using direct fixing brackets. The bevel between the tiles is smaller than the D-edge, so you can achieve a more seamless looking appearance. X-edge tiles accommodate the elegant integration of standard HVAC and lighting elements. Each X-edge tile is demountable.



Z-edge

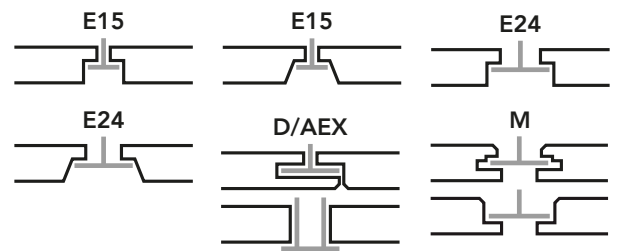
Z-edge tiles can be suspended on the grid, even in a room with a low ceiling height, or can be mounted directly on the soffit by using direct fixing brackets. The Z-edge helps create a sense of depth with its long, sharp lines in one direction, with a width of 8mm, and an almost monolithic finish in the other direction.





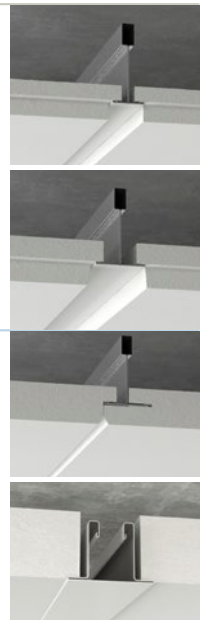
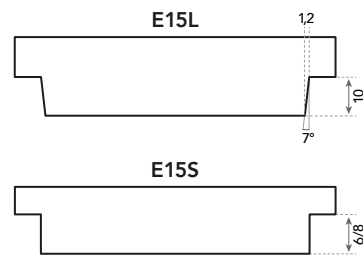
SEMI-CONCEALED GRID CEILINGS

Semi-concealed grid ceilings uses the tile edges, light, shadow and colour of the grid to create distinctive appearances, contributing to the overall architectural expression of your room.



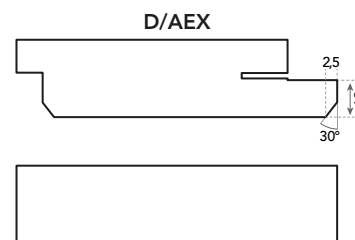
E-edge

E-edge tiles are fitted in a visible and recessed grid, which creates a shadow between the tiles. They have a straight or leaning edge and can be installed in a T15 or T24 grid. The narrower T15 grid is less dominant than the wider T24 grid. Ceiling tiles with E-edges are demountable.



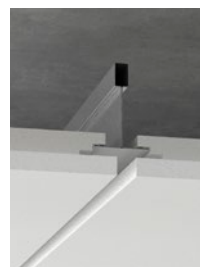
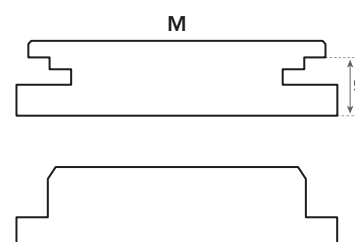
D/AEX-edge

The D/AEX-edge is a combination of an A-edge and D-edge tile that can be mounted in either a brandraster or T24 grid, giving a semi-concealed finish.



M-edge

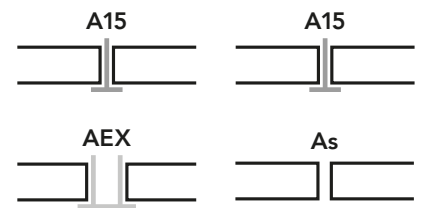
M-edge can be suspended on a grid or can be mounted directly on the soffit by using direct fixing brackets. The combination with a deeply recessed suspension grid provides a shadow effect in the finished ceiling with a width of 8mm. To highlight this effect, you can use a black grid. M-edge tiles are demountable.





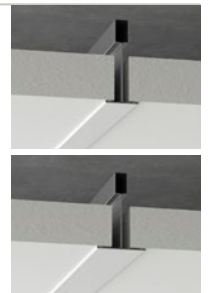
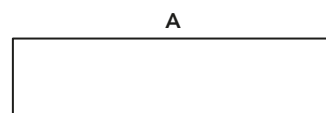
VISIBLE GRID CEILINGS

A visible grid system provides the room with a simple and structured expression that highlights the shape of the room. Visible grid ceilings have an A-edge.



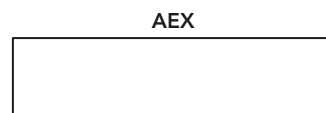
A-edge

A-edge tiles are a cost-effective solution that provides easy access to the installations hidden behind the ceiling. Tiles with an A-edge are also the perfect complement to concealed and semi-concealed ceilings (e.g. when used as a perimeter trim). They can be mounted in grid systems with either T15 or T24 profiles. The grid system is less dominant with the narrower T15 profile. A-edge tiles are demountable.



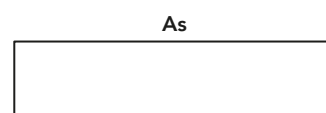
AEX-edge

AEX-edge is used in combination with other edges, for example a D-edge, which when used with a bandraaster grid accommodates movable walls.

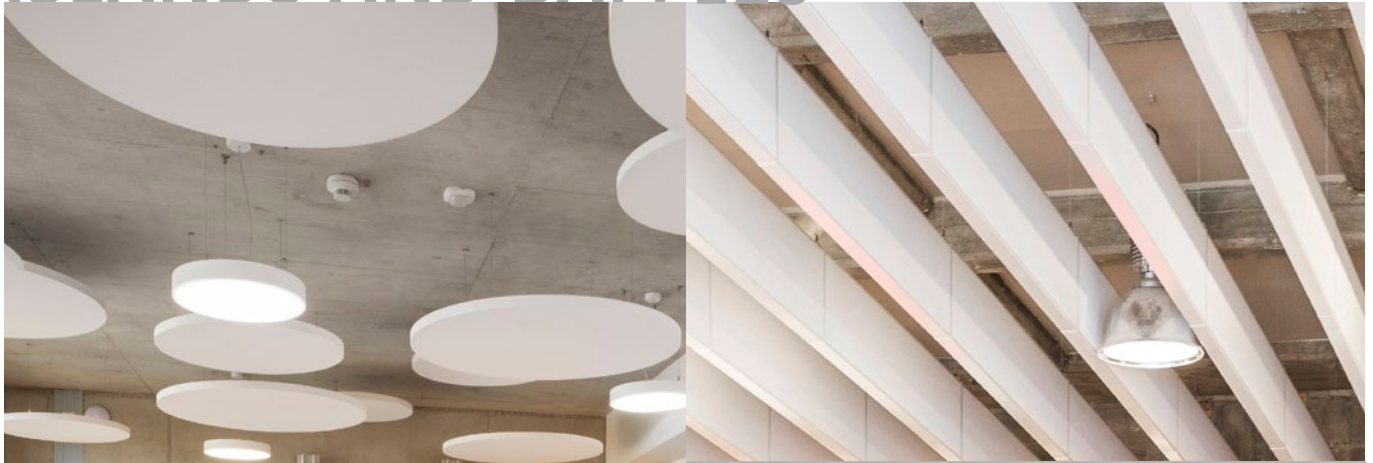


As-edge

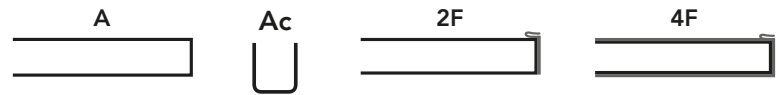
The As-edge is sanded and sealed with impregnation paint, giving a crisp and smooth edge finish. The As-edge is perfect for gluing applications where the edge of the tile is visible to the eye.



ISLANDS AND BAFFLES

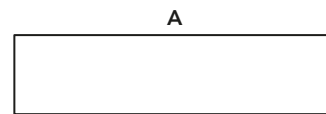


Islands and baffles provide an alternative acoustic solution for rooms where suspended ceilings are not suitable. They can be used as part of a retrofit or to create a design feature. They are suited to thermal mass applications where the soffit needs to remain exposed.



A-edge

The clean, straight, minimalistic A-edge creates an elegant and aesthetically appealing finish to the free-flowing island.



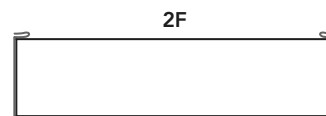
Ac-edge

The Ac-edge is a minimalistic edge with an elegant bevel. Softer than the A-edge, this timelessly-modern finish can become an element of decoration in its own right.



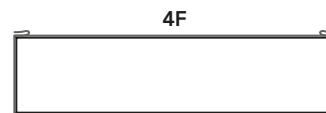
2F-edge

Rockfon 2F-edge is visually dynamic, with steel capping running down the vertical sides of the baffle, leaving an exposed straight, smooth edge at the bottom and top.



4F-edge

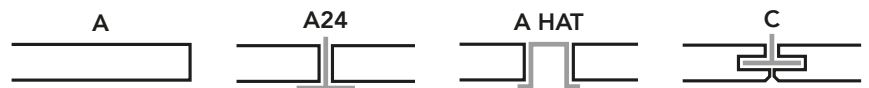
Rockfon 4F-edge is visually dynamic, with steel capping covering all sides of the baffle, providing protection to all edges.



WALL PANELS

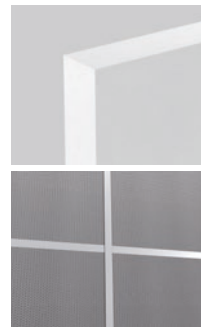
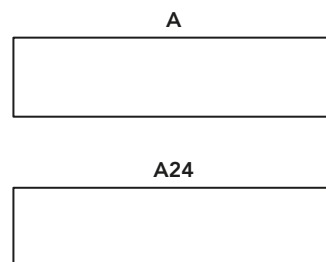


Rockfon wall panels can complement the ceiling's acoustic properties with a design solution tailored to the room's architecture. Wall panels can also be used as an alternative where it is not possible to use the ceiling as acoustic damping.



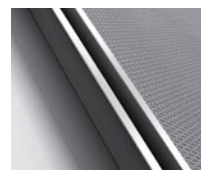
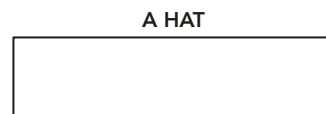
A- & A24-edge

A-edge panels are a cost-effective solution that provides additional sound absorption in any room. A-edge panels have a visible grid and are used with T24 profiles.



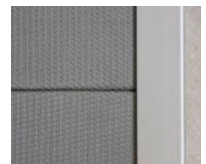
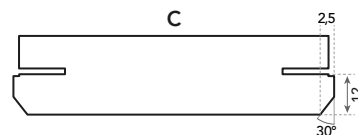
A HAT-edge

The A HAT-edge is a straight, discreet edge with an exposed profile, bringing impact resistance and extra sound attenuation to exposed areas.



C-edge

C-edge panels create a simplistic, concealed finish providing extra sound absorption to any space. The C-edge can be demounted with a special tool.



Ceiling tiles & wall panels

Understanding the performance
of Rockfon stone wool products 41

MODULAR CEILING

DESIGN WHITE

Rockfon Blanka®	42
Rockfon Blanka® Activity	44
Rockfon Blanka® dB 35	46
Rockfon Blanka® dB 41	48
Rockfon Blanka® dB 43	50
Rockfon Blanka® dB 46	52
Rockfon Blanka® Bas	54
Rockfon® Sonar®	56
Rockfon® Sonar® Activity	58
Rockfon® Sonar® dB 35	60
Rockfon® Sonar® dB 41	62
Rockfon® Sonar® dB 43	64
Rockfon® Sonar® dB 46	66
Rockfon® Sonar® Bas	68

DESIGN DECORATION

Rockfon Color-all®	70
Rockfon Color-all® Special	74
Rockfon® Ligna™	76

CORE WHITE

Rockfon® Koral®	78
Rockfon® Koral® Tenor	80
Rockfon® Koral™ 100 mm	82
Rockfon® Tropic™	84

BASIC WHITE

Rockfon® Arctic®	86
Rockfon Pacific®	88
Rockfon Pacific® 15mm	90
Rockfon® Sofit™	92

SPECIAL APPLICATIONS

HYGIENE

Rockfon® CleanSpace™ Essential	94
Rockfon® CleanSpace™ Pro	96
Rockfon® CleanSpace™ Block	98
Rockfon® CleanSpace™ Pure	100
Rockfon® CleanSpace™ Air	102

HEALTHCARE

Rockfon® MediCare® Standard	104
Rockfon® MediCare® Plus	106
Rockfon® MediCare® Air	108
Rockfon® MediCare® Block	110

IMPACT RESISTANCE

Rockfon® Samson™	112
Rockfon® Boxer™	114

THERMAL INSULATION

Rockfon® Facett™	116
----------------------------	-----

INDUSTRY

Rockfon® Industrial™ Black	118
Rockfon® Industrial™ Opal	120
Rockfon® Industrial™ Nature	122
Rockfon® Cosmos™ Grey	124

ACOUSTIC ADDITIONS

Rockfon® Soundstop™	126
-------------------------------	-----

COMPLEMENTARY PRODUCTS

Rockfon® Rocklux®	128
-----------------------------	-----

ISLANDS

Rockfon® Eclipse™	130
Rockfon® Eclipse™ Colour	132
Rockfon Eclipse® Customised	134

BAFFELS

Rockfon Contour®	136
Rockfon® Universal™ Baffle	138
Rockfon Humitec® Baffle	140
Rockfon® Industrial™ Baffle	142

WALL PANELS

Rockfon Eclipse® wall panel	144
Rockfon® Samson™ wall panel	146
Rockfon® VertiQ®	148

DESIGN PRODUCTS

DIVIDERS

Rockfon® Canva™ Floor Screen	150
Rockfon® Canva™ Hanging Divider	154

DESIGN DECORATION WALL

Rockfon® Canva™ Wall Panel	158
Rockfon® Lamella™	162

DESIGN DECORATION ISLAND

Rockfon® Hub™	164
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The Performance of Rockfon Stone Wool Products

Below is an explanation of ALL the performance icons and certification for our complete range of Rockfon stone wool products. For individual, product specific performance, please refer to the information in the previous pages of this datasheet.



Sound Absorption

Sound absorption is measured in accordance with ISO 354. Sound absorption data α_p , α_w and absorption class are calculated in accordance with ISO 11654. Sound absorption properties of islands and baffles are quantified by the equivalent sound absorption area A_{eq} expressed as m^2 per item.



Room To Room Sound Insulation

Room-to-room sound insulation $D_{n,r,w}$ ($C;C_{tr}$) is measured in accordance with ISO 10848-2.



Direct Sound Insulation

Sound reduction index R_w ($C;C_{tr}$) is measured in accordance with ISO 140-3.



Reaction To Fire

Reaction to fire is classified in accordance with EN 13501-1.



Fire Resistance

The stone wool core of Rockfon products is non-combustible with a melting point of more than 1000°C and provides fire protection. Some Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms.



Light Reflection

Light reflection expressed in % is measured in accordance with ISO 7724-2.



Humidity And Sag Resistance

Our ceiling tiles are dimensionally stable and show no visible signs of deflection, even at humidity levels of up to 100% relative humidity. They can be installed at temperatures ranging from 0°C to 40°C and at the very early stages of construction (when windows are not yet fully sealed). Our acoustic solutions are lightweight, yet stable, and the non-hygroscopic product properties minimise the final weight of a fully-installed ceiling.

In accordance with EN13964:2014, our ceiling tiles are, at a minimum, classified C/0N. This ensures that they are able to carry 2.5 times their own weight in a high humidity/high temperature environment (RH \geq 95%, 30°C).



Surface Durability

The surface of some of our products is specially treated to provide enhanced durability and dirt resistance.



Cleaning

Vacuum:

The surface can be vacuum cleaned with a soft brush attachment.

Damp cloth:

The surface can be cleaned using a damp cloth or sponge with a slightly alkaline detergent (pH between 7 and 9) without alcohol, ammonia or chlorine. This may render the surface slightly shinier, so we recommend cleaning the entire surface evenly.



Hygiene

Stone wool provides no sustenance to the following microorganisms tested in accordance with JIS Z 2801:2000 and ASTM C 1338-96:

- Escherichia coli
- Staphylococcus aureus
- Methicillinresistent staphylococcus aureus (MRSA)
- Stachybotrys chartarum
- Penicillium brevicompactum
- Alternaria tenuissima
- Aspergillus Brasiliensis
- Sporobolomyces roseum
- Rhodotorula rubra



Clean Room

Clean room classification is measured in accordance with ISO 14644-1.



Thermal Insulation

The thermal conductivity of products with a thickness \geq 30 mm is measured in accordance with EN 12667 and expressed in mW/mK. Thermal resistance is expressed in m^2K/W .


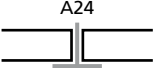
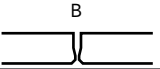


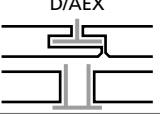
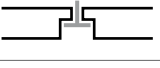
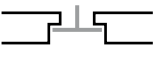
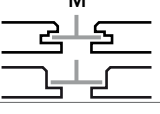
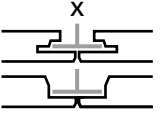
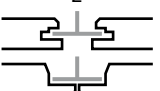
- Smooth, deep-matt, super-white surface with high light reflection and light diffusion, which contributes to energy savings and a bright and comfortable indoor environment
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of dimensions and edges for complete design freedom
- A non-directional surface that reduces installation time and an anti-static surface that withstands exposure to worksite dust and enhances the product lifetime

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 20	2,3	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 20	2,3	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 20	2,3	50 / 100	Rockfon® System XL T24 A™
		2,3	50 / 100	Rockfon® System T24 A™
	1800 x 600 x 20	2,3	50 / 100	Rockfon® System Bandraaster A™
		2,3	50 / 100	Rockfon® System T24 A™
	2400 x 600 x 20	2,3	50 / 100	Rockfon® System Bandraaster A™
		2,3	50 / 100	Rockfon® System T24 A™
	1200 x 1200 x 25	2,7	50 / 150	Rockfon® System T24 A™
2,7		50 / 150	Rockfon® System Bandraaster A™	
 B	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System B Adhesive™
	1200 x 600 x 20	3,4	24 / not demountable	Rockfon® System B Adhesive™
 C	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System C direct™
	1200 x 600 x 20	3,4	24 / not demountable	Rockfon® System C direct™
 D	600 x 600 x 20	3,4	62 / 72	Rockfon® System XL T24 D™
	1200 x 600 x 20	3,4	69 / 69	Rockfon® System T24 Stepped Z D™
	1800 x 600 x 20	3,4	69 / 69	Rockfon® System T24 Stepped Z D™
	900 x 900 x 25	4,1	69 / 69	Rockfon® System T24 Stepped Z D™
 D/AEX	1200 x 600 x 20	3,4	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
	1500 x 600 x 20	3,4	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
	1800 x 600 x 20	3,4	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
 E15	600 x 600 x 20	2,8	53 / 100	Rockfon® System T15 E™
	1200 x 600 x 20	2,8	53 / 100	Rockfon® System Ultraline E™
		2,8	53 / 100	Rockfon® System T15 E™
	 E24	600 x 600 x 20	2,8	60 / 100
1200 x 600 x 20		2,8	60 / 100	Rockfon® System XL T24 E™
		2,8	60 / 100	Rockfon® System T24 E™
1500 x 600 x 20		3,4	60 / 100	Rockfon® System T24 E™
1800 x 600 x 20		2,8	60 / 100	Rockfon® System T24 E™
		2,8	60 / 100	Rockfon® System XL T24 E™
2100 x 600 x 25		4,1	60 / 100	Rockfon® System T24 E™
2400 x 600 x 25		4,1	60 / 100	Rockfon® System T24 E™
900 x 900 x 25	3,4	60 / 100	Rockfon® System T24 E™	
 M	600 x 600 x 20	3,4	64 / 64	Rockfon® System T24 M™
	1200 x 600 x 20	3,4	64 / 64	Rockfon® System T24 M™
	1800 x 600 x 20	3,4	64 / 64	Rockfon® System T24 M™
	900 x 900 x 25	4,1	64 / 64	Rockfon® System T24 M™
 X	600 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	1200 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
		3,7	66 / 66	Rockfon® System T24 X™
	1800 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
		3,7	66 / 66	Rockfon® System T24 X™
	2100 x 600 x 25	4,1	66 / 66	Rockfon® System T24 X™
		4,1	104 / 104	Rockfon® System T24 X DLC™
	2400 x 600 x 25	4,1	66 / 66	Rockfon® System T24 X™
4,1		104 / 104	Rockfon® System T24 X DLC™	
 Z	600 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z™
	1200 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z™
	1800 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

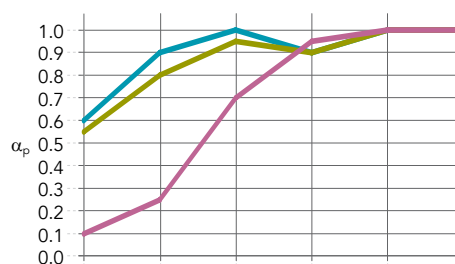
Other dimensions are available on request. Please contact Rockfon.



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20-25 / 200	0.60	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00
Other edges: 20-25 / 200	0.55	0.80	0.95	0.90	1.00	1.00	0.95	A	0.95
Other edges: 20 / 20	0.10	0.25	0.70	0.95	1.00	1.00	0.55	D	0.70



Reaction to fire
 A1



Light reflection and light diffusion
 87% light reflection
 >99% light diffusion



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.43 - 4.15 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 5.57 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Impact Resistance
 Class 3A
 Impact resistance of Rockfon Blanka with edge Z or M has been tested in accordance with EN13964 – Annex D and approved as Class 3A.



Visual appearance
 Super-white surface
 L value: 94.5
 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
 The gloss of the product is tested in accordance with ISO 2813.



Rockfon Blanka® Activity

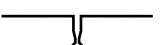

- Smooth, deep-matt, super-white surface with high light reflection and light diffusion, which contributes to energy savings and a bright and comfortable indoor environment
- Highest sound absorption/Class A sound absorption when installed both suspended and direct
- Designed for classrooms and open plan offices where speech intelligibility is crucial and noise and activity levels are very high
- The enhanced surface durability makes it more resistant to dirt and everyday wear and tear, enhancing the product lifetime

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Education
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 40	6,4	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 40	6,4	50 / 200	Rockfon® System T24 A™
		6,4	50 / 200	Rockfon® System Bandraستر A™
 B	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
	1200 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
 C	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System C direct™
	1200 x 300 x 40	6,4	44 / not demountable	Rockfon® System C direct™
	1200 x 600 x 40	6,4	44 / not demountable	Rockfon® System C direct™
	2400 x 600 x 40	6,4	44 / not demountable	Rockfon® System C direct™
 D	600 x 600 x 40	6,4	62 / 92	Rockfon® System XL T24 D™
 E24	600 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	1200 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	1500 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	1800 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	2100 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	2400 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

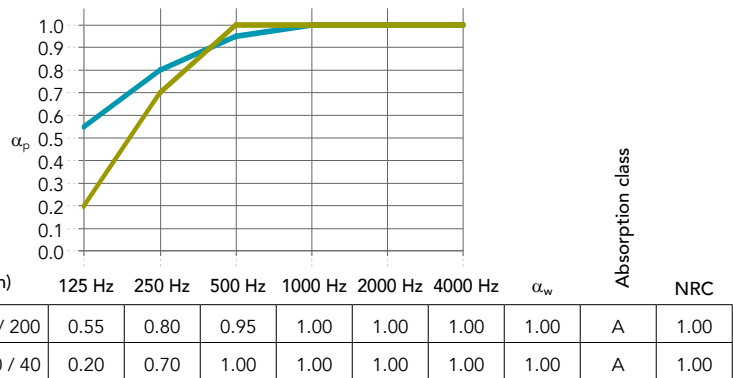
Other dimensions are available on request. Please contact Rockfon.



Performance



Sound absorption
 α_w : 1,00 (Class A)



Reaction to fire
 A1



Light reflection and light diffusion
 87% light reflection
 >99% light diffusion



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.
 Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 6.13 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 8.30 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 40 \text{ mW/mK}$



Visual appearance
 Super-white surface
 L value: 94.5
The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
The gloss of the product is tested in accordance with ISO 2813.



Rockfon Blanka® dB 35




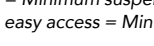
- Combines room-to-room sound insulation as well as good sound absorption for a flexible office layout where confidentiality is not an issue
- Made from a 25mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- A deep-matt, smooth, super-white surface finish with enhanced durability making it more resistant to dirt and everyday wear and tear
- Basic range of formats in semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 25	3,4	50 / 100	Rockfon® System dB T24 A, E™
	1200 x 600 x 25	3,4	50 / 100	Rockfon® System dB T24 A, E™
 E15	600 x 600 x 25	3,4	50 / 100	Rockfon® System dB Bandraaster A™
	1200 x 600 x 25	3,4	60 / 100	Rockfon® System T15 E™
 E24	600 x 600 x 25	3,4	60 / 100	Rockfon® System T15 E™
	1200 x 600 x 25	3,4	60 / 100	Rockfon® System dB T24 A, E™
 E24	600 x 600 x 25	3,4	60 / 100	Rockfon® System dB T24 A, E™
	1200 x 600 x 25	3,4	60 / 100	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,80 (Class B)

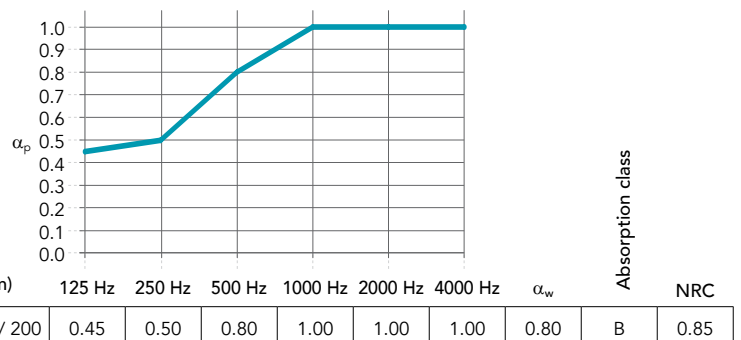


Direct sound insulation
 R_w = 19 dB



Room to room sound insulation
 $D_{n,f,w}$ = 35 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 44* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 50* dB
 The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
 *) Values obtained on the basis of theoretical analysis.



Reaction to fire
 A2-s1,d0



Light reflection and light diffusion
 87% light reflection
 >99% light diffusion



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/ON



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.
 Wet-scrub resistance: Class 5
 The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 3.49 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 4.65 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Visual appearance
 Super-white surface
 L value: 94.5
 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).
 Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
 The gloss of the product is tested in accordance with ISO 2813.



Rockfon Blanka® dB 41


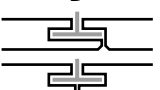
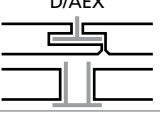


- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for a flexible and quiet office layout
- Made from a 35mm stone wool core with a high-performance membrane on the back which reduces the transmission of noise from room-to-room
- The enhanced surface durability makes it more resistant to dirt and everyday wear and tear, enhancing the product lifetime
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 35	5,6	50 / 150	Rockfon® System dB T24 A, E™
	1200 x 600 x 35	5,6	50 / 150	Rockfon® System dB T24 A, E™
 D	600 x 600 x 35	5,6	62 / 87	Rockfon® System dB Bandraaster A™
	1200 x 600 x 35	5,6	62 / 87	Rockfon® System XL T24 D™
 D/AEX	1200 x 600 x 35	5,6	150 / 150	Rockfon® System dB Bandraaster A™
	1500 x 600 x 35	5,6	150 / 150	Rockfon® System dB Bandraaster A™
	1800 x 600 x 35	5,6	150 / 150	Rockfon® System dB Bandraaster A™
 E15	600 x 600 x 35	5,6	60 / 150	Rockfon® System T15 E™
	1200 x 600 x 35	5,6	60 / 150	Rockfon® System T15 E™
 E24	600 x 600 x 35	5,6	60 / 150	Rockfon® System T15 E™
	1200 x 600 x 35	5,6	60 / 150	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)



Direct sound insulation
 R_w = 21 dB



Sound insulation improvement
 Plenum 1000 mm
 - ΔR_w = 9 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 8 ; 6 dB

Plenum 620 mm
 - ΔR_w = 8 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 5 dB

Plenum 350 mm
 - ΔR_w = 9 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 4 dB

Plenum 160 mm
 - ΔR_w = 6 dB
 - $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 5 ; 2 dB

Weighted sound reduction improvement performance measured in accordance with EN ISO 10140-series



Room to room sound insulation
 $D_{n,f,w}$ = 41 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 50* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 55* dB
*The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
) Values obtained on the basis of theoretical analysis.



Reaction to fire
 A2-s1,d0



Light reflection and light diffusion
 87% light reflection
 >99% light diffusion



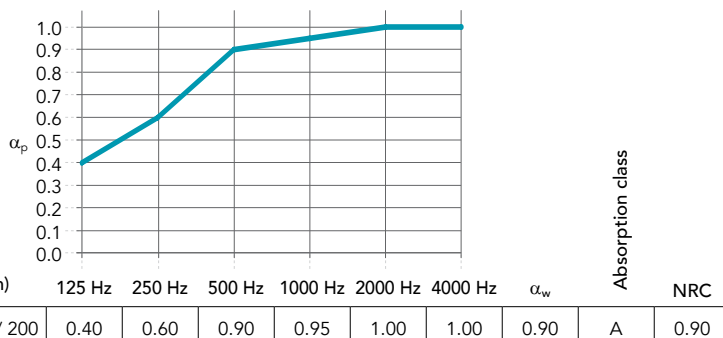
Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.
 Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 5.47 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 7.39 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 λ_D = 40 mW/mK



Visual appearance
 Super-white surface
 L value: 94.5
The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
The gloss of the product is tested in accordance with ISO 2813.



Rockfon Blanka® dB 43

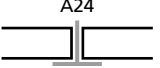
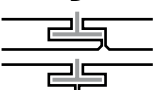
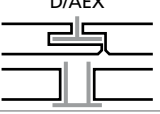


- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for flexible office layouts where confidentiality is important
- Made from a 40mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- A deep-matt, smooth, super-white surface finish with enhanced durability making it more resistant to dirt and everyday wear and tear
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 40	7,0	50 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 40	7,0	50 / 200	Rockfon® System dB T24 A, E™
		7,0	50 / 200	Rockfon® System dB Bandraaster A™
 D	600 x 600 x 40	7,0	62 / 92	Rockfon® System XL T24 D™
 D/AEX	1200 x 600 x 40	7,0	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
	1500 x 600 x 40	7,0	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
	1800 x 600 x 40	7,0	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
 E15	600 x 600 x 40	7,0	60 / 200	Rockfon® System T15 E™
	1200 x 600 x 40	7,0	60 / 200	Rockfon® System T15 E™
 E24	600 x 600 x 40	7,0	60 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 40	7,0	60 / 200	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)

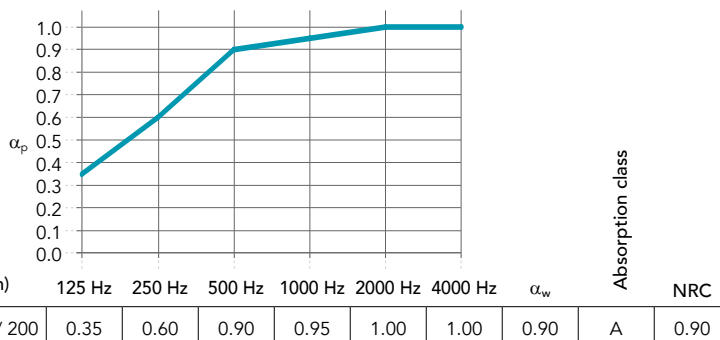


Direct sound insulation
 R_w = 22 dB



Room to room sound insulation
 $D_{n,f,w}$ = 43 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 53* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 56* dB
 The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
 *) Values obtained on the basis of theoretical analysis.



Reaction to fire
 A2-s1,d0



Light reflection and light diffusion
 87% light reflection
 >99% light diffusion



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/ON



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.
 Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 6.66 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 9.03 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 λ_D = 40 mW/mK



Visual appearance
 Super-white surface
 L value: 94.5
 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
 The gloss of the product is tested in accordance with ISO 2813.



Rockfon Blanka® dB 46

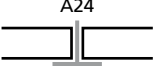

- Provides enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) in areas where privacy and acoustical comfort are important
- Made from a 50mm dual layer stone wool core with a high performance membrane sandwich construction
- The surface is deep-matt, smooth and super-white and has enhanced durability making it more resistant to dirt and everyday wear and tear
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Dual layer stone wool tile with inner high performance membrane
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 50	7,9	50 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 50	7,9	50 / 200	Rockfon® System dB T24 A, E™
		7,9	50 / 200	Rockfon® System dB Bandraaster A™
 D	600 x 600 x 50	7,9	62 / 102	Rockfon® System XL T24 D™
 D/AEX	1200 x 600 x 50	7,9	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
	1500 x 600 x 50	7,9	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
	1800 x 600 x 50	7,9	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
 E15	600 x 600 x 50	7,9	60 / 200	Rockfon® System T15 E™
	1200 x 600 x 50	7,9	60 / 200	Rockfon® System T15 E™
 E24	600 x 600 x 50	7,9	60 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 50	7,9	60 / 200	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption

α_w : 0,90 (Class A)



Direct sound insulation

R_w = 25 dB



Sound insulation improvement

Plenum 1000 mm

- ΔR_w = 10 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 9 ; 7 dB

Plenum 620 mm

- ΔR_w = 8 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 7 ; 4 dB

Plenum 350 mm

- ΔR_w = 9 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 8 ; 5 dB

Plenum 160 mm

- ΔR_w = 6 dB

- $\Delta(R_w+C)$; $\Delta(R_w+C_{tr})$ = 5 ; 2 dB

Weighted sound reduction improvement performance measured in accordance with EN ISO 10140-series



Room to room sound insulation

$D_{n,f,w}$ = 46 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 55* dB

$D_{n,f,w}$ with Rockfon Soundstop 30 dB = 58* dB

The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.

*) Values obtained on the basis of theoretical analysis.



Reaction to fire

A2-s1,d0



Light reflection and light diffusion

87% light reflection

>99% light diffusion



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity

C/0N



Cleaning

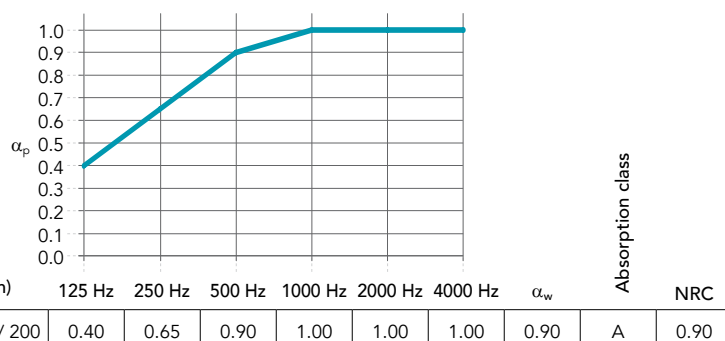
- Vacuum

- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment

Fully recyclable stone wool

The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.

Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 7.45 kg of CO₂ eq. (based on third party verified EPD)

Cradle-to-Grave 10.13 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation

Thermal conductivity:

λ_D = 40 mW/mK



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Rockfon Blanka® Bas



- Ideal for areas requiring sound reflection to promote speech intelligibility such as in classrooms and conference rooms
- Smooth, deep matt, super white surface providing visual continuity with entire Rockfon Blanka product range
- High light reflection and light diffusion, which contributes to energy savings and a bright and comfortable indoor environment
- The enhanced surface durability makes Rockfon Blanka Bas more resistant to dirt and everyday wear and tear, extending the product lifetime
- A-edge tile in basic range of dimensions

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece above aluminium complex
- Rear side: back fleece
- Durable Painted edges

Application Areas

- Office
- Education
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 20	3,4	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 20	3,4	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 20	3,4	50 / 100	Rockfon® System T24 A™
		3,4	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 20	3,4	50 / 100	Rockfon® System T24 A™
		3,4	50 / 100	Rockfon® System Bandraster A™

MS = Minimum suspension

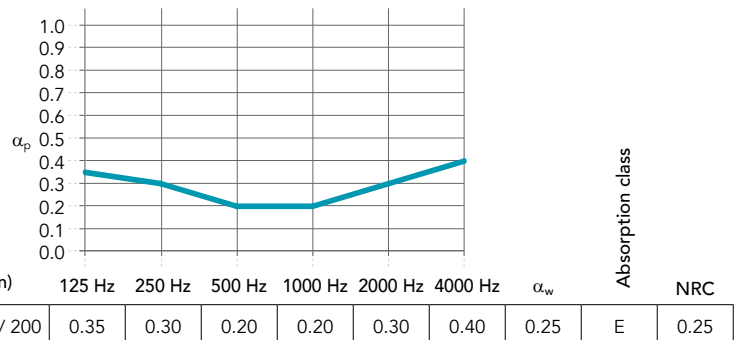
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,25 (Class E)



Reaction to fire
 A2-s1,d0



Light reflection and light diffusion
 87% light reflection
 >99% light diffusion



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Surface durability
 Enhanced durability and dirt resistance.
 Wet-scrub resistance: Class 5
The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 3.92 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.13 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Visual appearance
 Super-white surface
 L value: 94.5
The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
The gloss of the product is tested in accordance with ISO 2813.



Rockfon® Sonar®

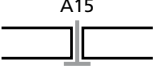

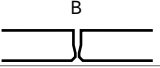

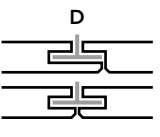
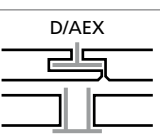

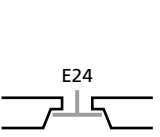
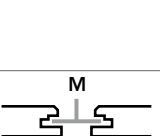
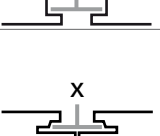
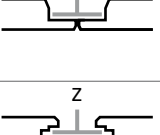
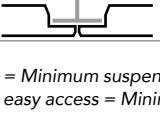
- Aesthetic white, micro-textured surface for most applications
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats and edges for complete design freedom
- Easy to clean with a vacuum and damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 20	2,8	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 20	2,8	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 20	2,8	50 / 100	Rockfon® System XL T24 A™
 B	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System T24 A™
	1200 x 600 x 20	3,4	24 / not demountable	Rockfon® System Bandraaster A™
 C	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System B Adhesive™
	1200 x 600 x 20	3,4	24 / not demountable	Rockfon® System C direct™
 D	600 x 600 x 20	3,4	62 / 72	Rockfon® System C direct™
	1200 x 600 x 20	3,4	62 / 72	Rockfon® System XL T24 D™
	1500 x 600 x 20	3,4	69 / 69	Rockfon® System T24 Stepped Z D™
	1800 x 600 x 20	3,4	69 / 69	Rockfon® System T24 Stepped Z D™
	900 x 900 x 25	4,1	69 / 69	Rockfon® System T24 Stepped Z D™
	1200 x 1200 x 25	4,1	69 / 69	Rockfon® System T24 Stepped Z D™
	2100 x 600 x 25	4,1	69 / 69	Rockfon® System T24 Stepped Z D™
 D/AEX	2400 x 600 x 25	4,1	69 / 69	Rockfon® System T24 Stepped Z D™
	1200 x 600 x 20	3,4	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
	1500 x 600 x 20	3,4	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
	1800 x 600 x 20	3,4	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
	2100 x 600 x 25	4,1	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
 E15	2400 x 600 x 25	4,1	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
	600 x 600 x 20	2,8	60 / 100	Rockfon® System T15 E™
 E24	1200 x 600 x 20	2,8	60 / 100	Rockfon® System T15 E™
	600 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
	600 x 600 x 20	2,8	60 / 100	Rockfon® System XL T24 E™
	1200 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
	1500 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
	1800 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
	1800 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
	900 x 900 x 25	3,4	60 / 150	Rockfon® System T24 E™
	1200 x 1200 x 25	3,4	60 / 150	Rockfon® System T24 E™
	2100 x 600 x 25	3,4	60 / 100	Rockfon® System T24 E™
 M	2400 x 600 x 25	3,4	60 / 100	Rockfon® System T24 E™
	600 x 600 x 20	3,4	64 / 64	Rockfon® System T24 M™
 X	1200 x 600 x 20	3,4	64 / 64	Rockfon® System T24 M™
	600 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	600 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
	1200 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	1200 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
	1800 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	1800 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
 Z	2400 x 600 x 25	3,7	66 / 66	Rockfon® System T24 X™
	2400 x 600 x 25	3,7	104 / 104	Rockfon® System T24 X DLC™
	600 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z™
 Z	1200 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z™
	1200 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



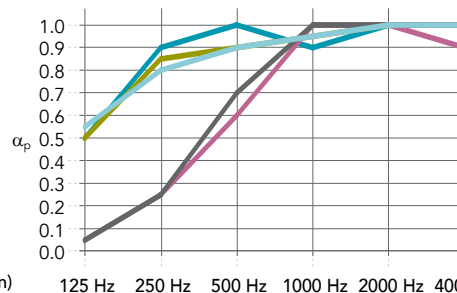
Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Room to room sound insulation
 $D_{n,f,w}$ = 27 dB



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20-25 / 200	0.50	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00
Other edges: 20-25 / 200	0.50	0.85	0.90	0.95	1.00	1.00	0.95	A	0.95
A,E: 20 / 20	0.05	0.25	0.60	1.00	1.00	0.90	0.55	D	0.70
Other edges: 20 / 20	0.05	0.25	0.70	1.00	1.00	1.00	0.55	D	0.75
X: 22 / 200	0.55	0.80	0.90	0.95	1.00	1.00	0.95	A	0.95



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Clean Room
 ISO Class 5



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.96 - 4.15 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.92 - 5.57 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Impact resistance
 Class 3A (Fastening clip)
 Impact resistance of Rockfon Sonar with edge Z or M mounted with fastening clip has been tested in accordance with EN13964 – Annex D and approved as Class 3A.



Rockfon® Sonar® Activity




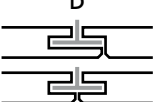

- Designed for classrooms and open plan offices where speech intelligibility is crucial and noise and activity levels are very high
- Comes with an aesthetic white, micro-textured surface and high sound absorption when installed both suspended and direct
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Easy to clean with a vacuum and damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Education
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 40	6,4	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 40	6,4	50 / 200	Rockfon® System T24 A™
		6,4	50 / 200	Rockfon® System Bandraستر A™
 B	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
	1200 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
 C	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System C direct™
	1200 x 300 x 40	6,4	44 / not demountable	Rockfon® System C direct™
	1200 x 600 x 40	6,4	44 / not demountable	Rockfon® System C direct™
	2400 x 600 x 40	6,4	44 / not demountable	Rockfon® System C direct™
 D	600 x 600 x 40	6,4	62 / 92	Rockfon® System XL T24 D™
 E24	600 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	1200 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	1500 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	1800 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	2100 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™
	2400 x 600 x 40	6,4	60 / 200	Rockfon® System T24 E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

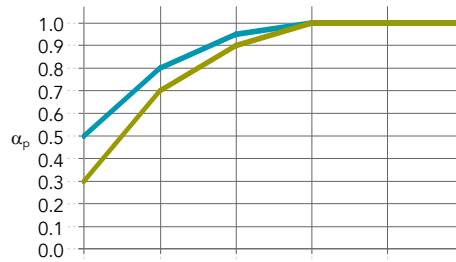
Installation of Rockfon Sonar Activity in Rockfon System XL T24 D require an extra hanger on all 1800 cross tees. The extra hanger has to be placed app. 550 mm from a main runner.



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Edge / Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
40 / 200	0.50	0.80	0.95	1.00	1.00	1.00	1.00	A	0.95
40 / 40	0.30	0.70	0.90	1.00	1.00	1.00	0.95	A	0.90



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Clean Room
 ISO Class 5



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 6.13 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 8.30 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 40 \text{ mW/mK}$



Rockfon® Sonar® dB 35


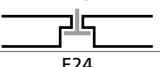

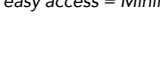
- Combines room-to-room sound insulation as well as good sound absorption for a flexible office layout where confidentiality is not an issue
- Made from a 25mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- Basic range of dimensions in semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install/cut and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 25	3,4	50 / 110	Rockfon® System dB T24 A, E™
	1200 x 600 x 25	3,4	50 / 110	Rockfon® System dB T24 A, E™
 E15	600 x 600 x 25	3,4	50 / 110	Rockfon® System dB Bandraaster A™
	1200 x 600 x 25	3,4	60 / 110	Rockfon® System T15 E™
 E24	600 x 600 x 25	3,4	60 / 110	Rockfon® System T15 E™
	1200 x 600 x 25	3,4	60 / 110	Rockfon® System dB T24 A, E™
 E24	600 x 600 x 25	3,4	60 / 110	Rockfon® System dB T24 A, E™
	1200 x 600 x 25	3,4	60 / 110	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,80 (Class B)

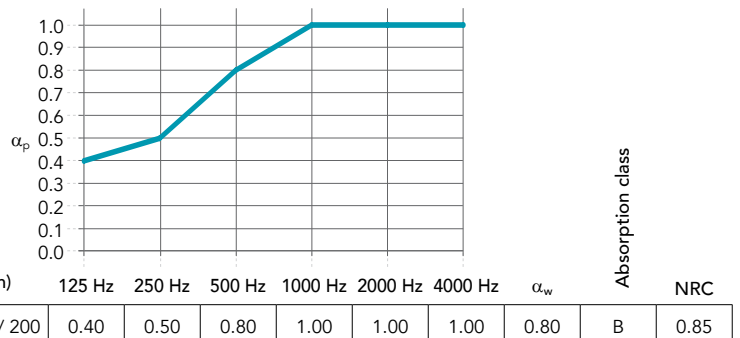


Direct sound insulation
 R_w = 19 dB



Room to room sound insulation
 $D_{n,f,w}$ = 35 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 44* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 50* dB
 The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
 *) Values obtained on the basis of theoretical analysis.



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 3.49 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 4.65 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Sonar® dB 41





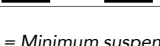
- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for a flexible and quiet office layout
- Made from a 35mm stone wool core with a high-performance membrane on the back which reduces the transmission of noise from room-to-room
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 35	5,6	50 / 150	Rockfon® System dB T24 A, E™
	1200 x 600 x 35	5,6	50 / 150	Rockfon® System dB T24 A, E™
 D	600 x 600 x 35	5,6	62 / 87	Rockfon® System XL T24 D™
	1200 x 600 x 35	5,6	69 / 69	Rockfon® System T24 Stepped Z D™
 D/AEX	1200 x 600 x 35	5,6	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
	1500 x 600 x 35	5,6	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
	1800 x 600 x 35	5,6	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
 E15	600 x 600 x 35	5,6	60 / 150	Rockfon® System T15 E™
	1200 x 600 x 35	5,6	60 / 150	Rockfon® System T15 E™
 E24	600 x 600 x 35	5,6	60 / 150	Rockfon® System dB T24 A, E™
	1200 x 600 x 35	5,6	60 / 150	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)

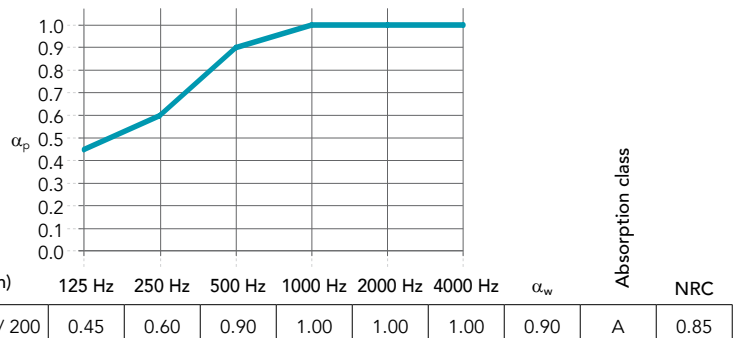


Direct sound insulation
 R_w = 21 dB



Room to room sound insulation
 $D_{n,f,w}$ = 41 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 51* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 55* dB
 The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
 *) Values obtained on the basis of theoretical analysis.



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 5.47 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 7.39 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity: λ_D = 40 mW/mK



Rockfon® Sonar® dB 43

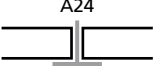

- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) for flexible office layouts where confidentiality is important
- Made from a 40mm stone wool core with a high performance membrane on the back which reduces the transmission of noise from room-to-room
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install and clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: high-performance membrane
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 40	7,0	50 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 40	7,0	50 / 200	Rockfon® System dB T24 A, E™
		7,0	50 / 200	Rockfon® System dB Bandraaster A™
 D	600 x 600 x 40	7,0	62 / 92	Rockfon® System XL T24 D™
 D/AEX	1500 x 600 x 40	7,0	150 / 150	Rockfon® System Bandraaster Dzn/AEX™
 E15	600 x 600 x 40	7,0	60 / 200	Rockfon® System T15 E™
	1200 x 600 x 40	7,0	60 / 200	Rockfon® System T15 E™
 E24	600 x 600 x 40	7,0	60 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 40	7,0	60 / 200	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)

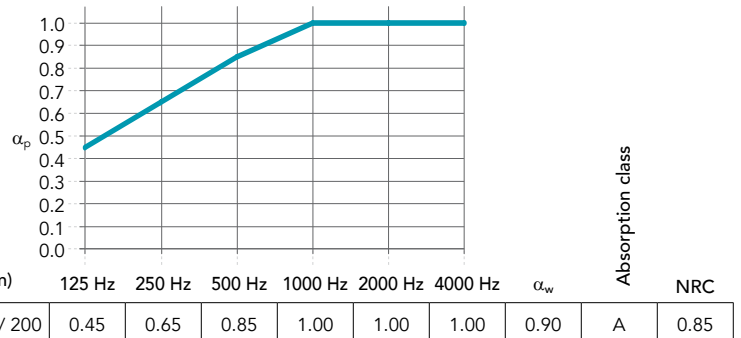


Direct sound insulation
 R_w = 22 dB



Room to room sound insulation
 $D_{n,f,w}$ = 43 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 52* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 56* dB
 The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
 *) Values obtained on the basis of theoretical analysis.



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 6.66 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 9.03 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity: λ_D = 40 mW/mK



Rockfon® Sonar® dB 46


- Combines enhanced room-to-room sound insulation as well as a high level of sound absorption (Class A) in areas where privacy and acoustical comfort is important
- Made from a 50mm dual layer stone wool core with a high performance membrane sandwich construction which reduces the transmission of noise from room-to-room
- Wide range of dimensions in concealed, semi-concealed and visible grid options
- Light weight sound insulating tile, easy to install and clean with a vacuum or damp cloth

Product Description

- Dual layer stone wool tile with inner high performance membrane+F65
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 50	7,9	50 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 50	7,9	50 / 200	Rockfon® System dB T24 A, E™
		7,9	50 / 200	Rockfon® System dB Bandraaster A™
 D	600 x 600 x 50	7,9	62 / 102	Rockfon® System XL T24 D™
 D/AEX	1200 x 600 x 50	7,9	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
	1800 x 600 x 50	7,9	150 / 150	Rockfon® System Bandraaster Dznl/AEX™
 E15	600 x 600 x 50	7,9	60 / 200	Rockfon® System T15 E™
	1200 x 600 x 50	7,9	60 / 200	Rockfon® System T15 E™
 E24	600 x 600 x 50	7,9	60 / 200	Rockfon® System dB T24 A, E™
	1200 x 600 x 50	7,9	60 / 200	Rockfon® System dB T24 A, E™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)

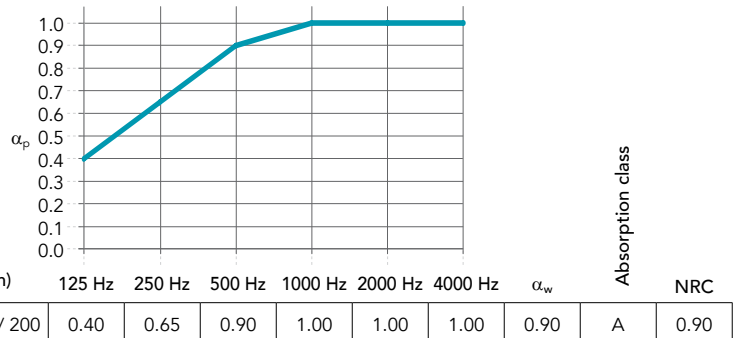


Direct sound insulation
 R_w = 25 dB



Room to room sound insulation
 $D_{n,f,w}$ = 46 dB

$D_{n,f,w}$ with Rockfon Soundstop 21 dB = 55* dB
 $D_{n,f,w}$ with Rockfon Soundstop 30 dB = 58* dB
 The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
 *) Values obtained on the basis of theoretical analysis.



Reaction to fire
 A2-s1,d0



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 7.45 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 10.13 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity: λ_D = 40 mW/mK



Rockfon® Sonar® Bas






- Ideal for areas requiring sound reflection to promote speech intelligibility such as in classrooms and conference rooms
- Basic range of formats in a variety of edges
- Easy to clean with a vacuum or damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Education
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 20	3,4	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 20	3,4	50 / 100	Rockfon® System T24 A™
		3,4	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 20	3,4	50 / 100	Rockfon® System T24 A™
		3,4	50 / 100	Rockfon® System Bandraster A™
 D	600 x 600 x 20	3,4	62 / 72	Rockfon® System XL T24 D™
 E15	600 x 600 x 20	3,4	60 / 100	Rockfon® System T15 E™
 E24	600 x 600 x 20	3,4	60 / 100	Rockfon® System T24 E™
		3,4	60 / 100	Rockfon® System XL T24 E™
	1200 x 600 x 20	3,4	60 / 100	Rockfon® System T24 E™
		3,4	60 / 100	Rockfon® System XL T24 E™

MS = Minimum suspension

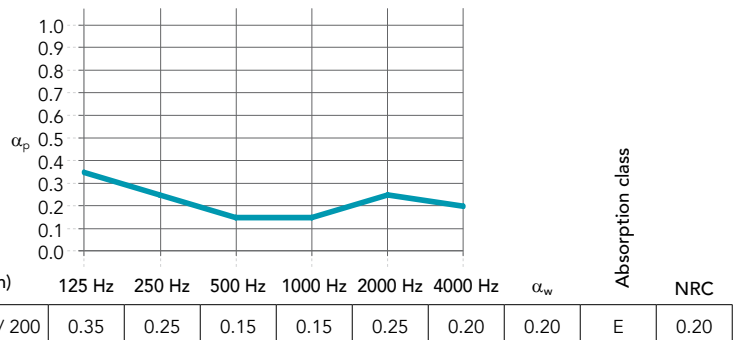
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,20 (Class E)



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 3.92 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.13 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon Color-all®



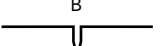

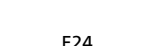

- 34 exclusive colours for acoustic ceiling and wall solutions to inspire and enhance your interior design scheme
- Subtle yet playful colours made to mix and match either within the same room or in different areas of a building
- Total design freedom due to exposed, semi-concealed and concealed edges in a large variety of module sizes
- Matching grid (main runner, cross tees, perimeter wall angle trim) in an attractive matt finish are also available

Product Description

- Stone wool tile
- Visible side: smooth coloured, matt fleece
- Rear side: back fleece

Application Areas

- Industry
- Office
- Leisure
- Retail
- Education
- Healthcare

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 15	2,2	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 15	2,2	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 15	2,2	50 / 100	Rockfon® System XL T24 A™
 B	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
	1200 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
 E15	600 x 600 x 20	3,4	60 / 100	Rockfon® System T15 E™
	1200 x 600 x 20	3,4	60 / 100	Rockfon® System T15 E™
 E24	600 x 600 x 20	3,4	60 / 100	Rockfon® System T24 E™
	600 x 600 x 20	3,4	60 / 100	Rockfon® System XL T24 E™
	1200 x 600 x 20	3,4	60 / 100	Rockfon® System T24 E™
	1800 x 600 x 20	3,4	60 / 100	Rockfon® System XL T24 E™
 X	600 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	600 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
	1200 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	1200 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
	1800 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	1800 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

Other dimensions are available on request. Please contact Rockfon.

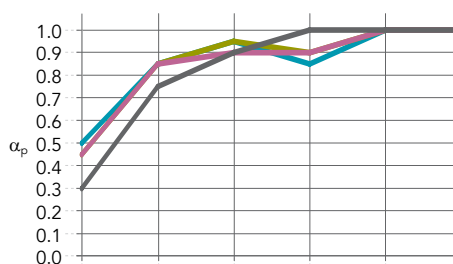
For specific pricing and minimum quantities, please call for details.



Performance



Sound absorption
 α_w : 0,95 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 15 / 200	0.50	0.85	0.95	0.85	1.00	1.00	0.95	A	0.90
E: 20 / 200	0.45	0.85	0.95	0.90	1.00	1.00	0.95	A	0.95
X: 22 / 200	0.45	0.85	0.90	0.90	1.00	1.00	0.95	A	0.95
40 / 40	0.30	0.75	0.90	1.00	1.00	1.00	0.95	A	0.95



Reaction to fire

A1
 Color-All Mercury: Class A2-s1,d0



Light reflection

Colour-dependent



Humidity and sag resistance

Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 2.43 - 6.13 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 8.3 kg of CO₂ eq. (based on third party verified EPD)



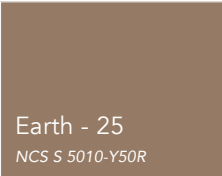

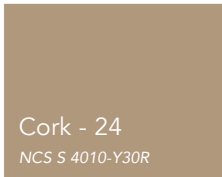


Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon Color-all®

 <p>Mustard - 51 NCS S 2050-Y10R</p> <p>Light reflection: 37%</p>	 <p>Sand - 30 NCS S 2020-Y20R</p> <p>Light reflection: 55%</p>	 <p>Stucco - 20 NCS S 1505-Y30R</p> <p>Light reflection: 70%</p>			
 <p>Scarlet - 71 NCS S 6030-Y80R</p> <p>Light reflection: 8%</p>	 <p>Coral - 76 NCS S 3040-Y90R</p> <p>Light reflection: 22%</p>	 <p>Seashell - 75 NCS S 1510-Y60R</p> <p>Light reflection: 56%</p>	 <p>Petal - 74 NCS S 1005-Y60R</p> <p>Light reflection: 70%</p>		
 <p>Seaweed - 34 NCS S 8005-G20Y</p> <p>Light reflection: 6%</p>	 <p>Eucalyptus - 32 NCS S 6020-B90G</p> <p>Light reflection: 12%</p>	 <p>Sage - 31 NCS S 3010-G10Y</p> <p>Light reflection: 34%</p>	 <p>Mint - 12 NCS S 1005-G10Y</p> <p>Light reflection: 70%</p>		
 <p>Space - 49 NCS S 7020-B</p> <p>Light reflection: 5%</p>	 <p>Storm - 48 NCS S 6020-R90B</p> <p>Light reflection: 55%</p>	 <p>Azure - 47 NCS S 3020-B</p> <p>Light reflection: 34%</p>	 <p>Fresh - 42 NCS S 2010-B10G</p> <p>Light reflection: 51%</p>		
 <p>Earth - 25 NCS S 5010-Y50R</p> <p>Light reflection: 22%</p>	 <p>Clay - 26 NCS S 5005-G80Y</p> <p>Light reflection: 22%</p>	 <p>Linen - 22 NCS S 4005-Y50R</p> <p>Light reflection: 29%</p>	 <p>Sandalwood - 13 NCS S 2010-Y60R</p> <p>Light reflection: 49%</p>	 <p>Chalk - 21 NCS S 2005-Y40R</p> <p>Light reflection: 51%</p>	
 <p>Ebony - 28 NCS S 8505-Y80R</p> <p>Light reflection: 4%</p>	 <p>Cork - 24 NCS S 4010-Y30R</p> <p>Light reflection: 30%</p>	 <p>Hemp - 23 NCS S 3005-Y20R</p> <p>Light reflection: 45%</p>			
 <p>Iron - 18 NCS S 7502-B</p> <p>Light reflection: 7%</p>	 <p>Concrete - 06 NCS S 6000-N</p> <p>Light reflection: 16%</p>	 <p>Mastic - 17 NCS S 4000-N</p> <p>Light reflection: 33%</p>	 <p>Zinc - 05 NCS S 4005-R50B</p> <p>Light reflection: 33%</p>	 <p>Mercury - 62 NCS S 2502-B</p> <p>Light reflection: 44%</p>	
 <p>Charcoal - 09 NCS S 8500-N</p> <p>Light reflection: 4%</p>	 <p>Anthracite - 08 NCS S 7010-R90B</p> <p>Light reflection: 7%</p>	 <p>Gravel - 03 NCS S 3502-B</p> <p>Light reflection: 34%</p>	 <p>Plaster - 02 NCS S 2005-R80B</p> <p>Light reflection: 58%</p>	 <p>Stone - 01 NCS S 2000-N</p> <p>Light reflection: 55%</p>	 <p>Moon - 10 NCS S 1005-R80B</p> <p>Light reflection: 75%</p>

NCS codes are closest colour match - contact us for more information. The actual colour of the ceiling tiles may deviate slightly from printed colours due to the texture of the surface and the underlying colour of stone wool. Samples of the coloured surfaces are available upon request.



Rockfon Color-all® Special




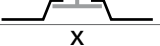

- Innovative and aesthetically pleasing smooth, matt surface with an unlimited custom colour range using NCS
- Rockfon Color-all Special is available in exposed, semi-concealed and concealed edges in a large variety of module sizes, allowing for unique design freedom to inspire and enhance your interior design scheme

Product Description

- Stone wool tile
- Visible side: smooth coloured, matt fleece
- Rear side: back fleece

Application Areas

- Industry
- Office
- Leisure
- Retail
- Education
- Healthcare

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 20	3,4	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 20	3,4	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 20	3,4	50 / 100	Rockfon® System T24 A™
		3,4	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 20	3,4	50 / 100	Rockfon® System T24 A™
		3,4	50 / 100	Rockfon® System XL T24 A™
 B	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
	1200 x 600 x 40	6,4	44 / not demountable	Rockfon® System B Adhesive™
 E24	600 x 600 x 20	3,4	60 / 100	Rockfon® System T24 E™
		3,4	60 / 100	Rockfon® System XL T24 E™
 X	600 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
		3,7	104 / 104	Rockfon® System T24 X DLC™
	1200 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
		3,7	104 / 104	Rockfon® System T24 X DLC™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

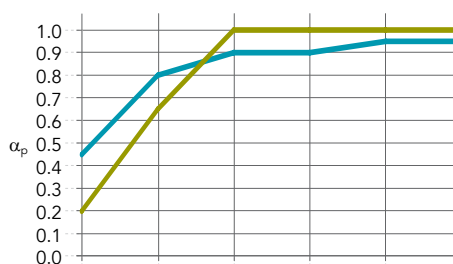
Contact us for specific dimensions, other edge types, lead times and minimum order quantities.



Performance



Sound absorption
 α_w : up to 0,95 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
20-40 / 200	0.45	0.80	0.90	0.90	0.95	0.95	0.95	A	0.85
40 / 40	0.20	0.65	1.00	1.00	1.00	1.00	0.95	A	0.95



Reaction to fire
 A2-s1,d0



Light reflection
 Colour-dependent



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.



Carbon footprint
 Cradle-to-Gate 3.49 - 6.13 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 4.65 - 8.3 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 40 mm:
 Thermal conductivity:
 $\lambda_D = 40 \text{ mW/mK}$



Rockfon® Ligna™



- A dependable acoustic tile with a warm, wood appearance tile that is available in a dark beech, light beech and classic wood aesthetic
- Good sound absorption (Class B) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: smooth non-perforated wood effect
- Rear side: back fleece

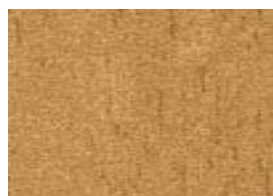
Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 20	2,1	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 20	2,1	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 20	2,1	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 20	2,1	50 / 100	Rockfon® System T24 A™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



Dark Beech



Light Beech



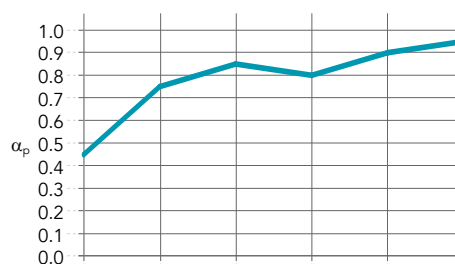
Classic Beech



Performance



Sound absorption
 α_w : 0,85 (Class B)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
20 / 200	0.45	0.75	0.85	0.80	0.90	0.95	0.85	B	0.80



Reaction to fire
 A1



Light reflection
 Colour-dependent



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.26 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.95 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Koral®




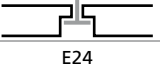

- Aesthetic white, micro-textured surface
- High sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats in semi-concealed and visible grid options
- Surface can be cleaned with a damp cloth or vacuumed

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 15	2,0	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™
	600 x 600 x 15	2,0	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™
	1800 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A™
	1800 x 600 x 20	2,3	50 / 100	Rockfon® System XL T24 A™
	2100 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A™
	2400 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A™
	1200 x 900 x 25	2,5	50 / 150	Rockfon® System T24 A™
	1200 x 1200 x 25	2,5	50 / 150	Rockfon® System T24 A™
	1200 x 600 x 40	3,3	50 / 200	Rockfon® System T24 A™
 As	600 x 600 x 20	2,3	24 / Not demountable	Rockfon® System A Adhesive™
	1200 x 600 x 20	2,3	24 / Not demountable	Rockfon® System A Adhesive™
	600 x 600 x 40	4,1	44 / Not demountable	Rockfon® System A Adhesive™
	1200 x 600 x 40	4,1	44 / Not demountable	Rockfon® System A Adhesive™
 E15	600 x 600 x 15	2,2	60 / 100	Rockfon® System T15 E™
	1200 x 600 x 15	2,2	60 / 100	Rockfon® System T15 E™
 E24	600 x 600 x 15	2,2	60 / 100	Rockfon® System T24 E™
	600 x 600 x 15	2,2	60 / 100	Rockfon® System XL T24 E™
	1200 x 600 x 15	2,2	60 / 100	Rockfon® System T24 E™

MS = Minimum suspension

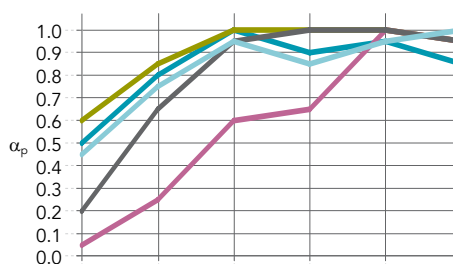
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A: 15 / 200	0.50	0.80	1.00	0.90	0.95	0.85	0.95	A	0.90
A: 40 / 200	0.60	0.85	1.00	1.00	1.00	0.95	1.00	A	0.95
As: 20 / 20	0.05	0.25	0.60	0.65	1.00	0.95	0.55	D	0.70
As: 40 / 40	0.20	0.65	0.95	1.00	1.00	0.95	0.95	A	0.90
E: 15 / 200	0.45	0.75	0.95	0.85	0.95	1.00	0.95	A	0.90



Reaction to fire
 A1



Light reflection
 86%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.04 - 4.02 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.65 - 5.38 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 40 mm:
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Rockfon® Koral® Tenor


- Aesthetic white, micro-textured surface that is ideal for areas like concert and lecture halls or for low frequency areas
- Providing high sound absorption at low frequencies and low sound absorption at high frequencies
- The highest fire safety (Class A1)
- Surface can be cleaned with a damp cloth or vacuumed
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Education
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	600 x 600 x 15	1,8	50 / 100	Rockfon® System T24 A™
		1,8	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 15	1,8	50 / 100	Rockfon® System T24 A™
	1200 x 1200 x 25	2,2	50 / 100	Rockfon® System T24 A™

MS = Minimum suspension

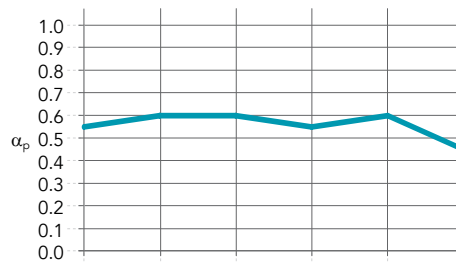
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,60 (Class C)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

Edge / Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
15 / 200	0.55	0.60	0.60	0.55	0.60	0.45	0.60	C	0.60



Reaction to fire
 A1



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.04 - 2.39 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.65 - 3.13 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Koral™ 100 mm


- Aesthetic white, micro-textured surface
- High sound absorption (Class A). Perfect for both high and low frequency areas and the highest fire safety (Class A1)
- Surface can be cleaned with a damp cloth or vacuumed
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Office
- Education
- Industry
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 100	7,5	100 / 300	Rockfon® System T24 A™
	1200 x 600 x 100	7,5	100 / 300	Rockfon® System T24 A™

MS = Minimum suspension

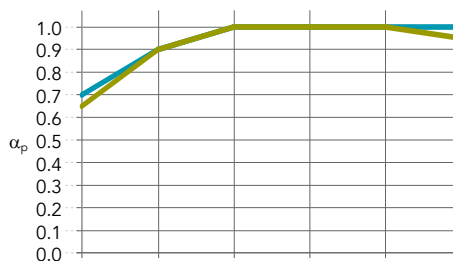
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 1,00 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
100 / 200	0.70	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
100 / 100	0.65	0.90	1.00	1.00	1.00	0.95	1.00	A	0.95



Reaction to fire
 A1



Light reflection
 86%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 7.01 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 9.52 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Rockfon® Tropic™



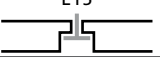

- Smooth attractive white surface for various of applications
- High sound absorption/Class A sound absorption
- Full range of formats in semi-concealed and visible grid options
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: smooth white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Office
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 15	2,0	50 / 100	Rockfon® System T15 A™
	600 x 600 x 20	2,4	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 20	2,4	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™
	600 x 600 x 15	2,0	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™
	600 x 600 x 20	2,4	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 20	2,4	50 / 100	Rockfon® System T24 A™
	600 x 600 x 40	3,3	50 / 100	Rockfon® System T24 A™
 E15	600 x 600 x 15	2,2	60 / 100	Rockfon® System T15 E™
	1200 x 600 x 15	2,2	60 / 100	Rockfon® System T15 E™
	 E24	600 x 600 x 15	2,2	60 / 100
600 x 600 x 15		2,2	60 / 100	Rockfon® System XL T24 E™
1200 x 600 x 15		2,2	60 / 100	Rockfon® System T24 E™
600 x 600 x 20		2,8	60 / 100	Rockfon® System T24 E™
	1200 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™

MS = Minimum suspension

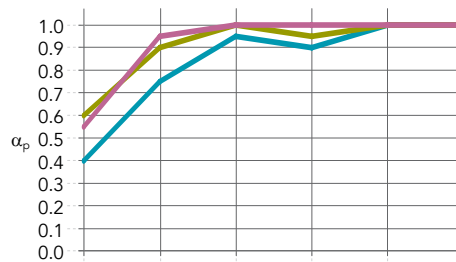
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 15 / 200	0.40	0.75	0.95	0.90	1.00	1.00	0.95	A	0.90
A,E: 20 / 200	0.60	0.90	1.00	0.95	1.00	1.00	1.00	A	1.00
A: 40 / 200	0.55	0.95	1.00	1.00	1.00	1.00	1.00	A	1.10



Reaction to fire
 A1



Light reflection
 86%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.04 - 3.31 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.65 - 4.41 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Artic™




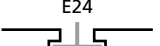
- Standard surface ideal for most common applications
- Good acoustic properties
- Basic range of dimensions in semi-concealed and visible grid options
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: nuanced white painted fleece
- Rear Side: back fleece

Application Areas

- Office
- Education
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 15	2,0	50 / 100	Rockfon® System T15 A™
	600 x 600 x 20	2,4	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 20	2,4	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™
	600 x 600 x 20	2,4	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 20	2,4	50 / 100	Rockfon® System T24 A™
	600 x 600 x 20	2,4	50 / 100	Rockfon® System XL T24 A™
 E15	600 x 600 x 15	2,2	60 / 100	Rockfon® System T15 E™
	1200 x 600 x 15	2,2	60 / 100	Rockfon® System T15 E™
	600 x 600 x 20	2,4	60 / 100	Rockfon® System T15 E™
	1200 x 600 x 20	2,4	60 / 100	Rockfon® System T15 E™
 E24	600 x 600 x 15	2,2	60 / 100	Rockfon® System T24 E™
	600 x 600 x 20	2,4	60 / 100	Rockfon® System XL T24 E™
	1200 x 600 x 15	2,2	60 / 100	Rockfon® System T24 E™
	1200 x 600 x 20	2,4	60 / 100	Rockfon® System T24 E™
	600 x 600 x 20	2,4	60 / 100	Rockfon® System XL T24 E™

MS = Minimum suspension

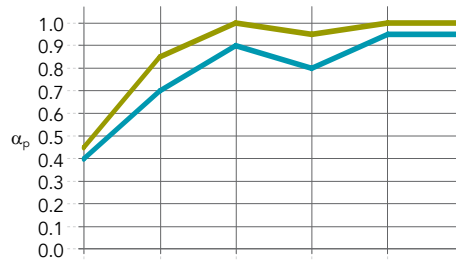
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
15 / 200	0.40	0.70	0.90	0.80	0.95	0.95	0.90	A	0.85
20 / 200	0.45	0.85	1.00	0.95	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Light reflection
 82%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.43 - 2.96 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 3.92 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon Pacific®

- Economical tile with standard surface
- Class B sound absorption with lightweight 12mm thickness
- Basic range of tile dimensions in semi-concealed and visible grid options
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: Nuanced white painted fleece
- Rear Side: back fleece

Application Areas

- Office
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 12	1,6	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 12	1,6	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 12	1,6	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 12	1,6	50 / 100	Rockfon® System T24 A™
 E15	600 x 600 x 12	1,9	60 / 100	Rockfon® System T15 E™
 E24	600 x 600 x 12	1,9	60 / 100	Rockfon® System T24 E™

MS = Minimum suspension

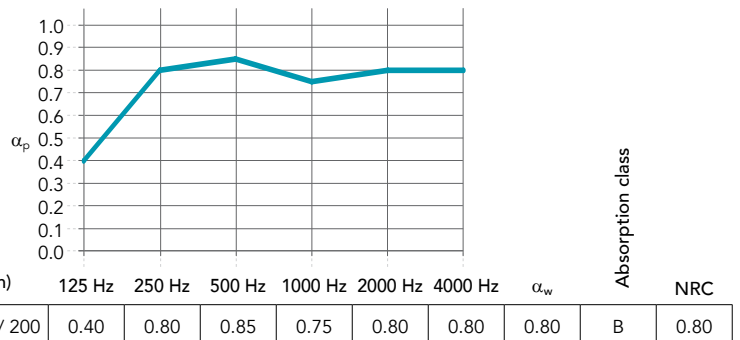
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,80 (Class B)



Reaction to fire
 A1



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.12 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.75 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon Pacific® 15mm



- Standard surface ideal for most common applications
- Very good sound absorption of a lightweight tile
- Basic A-edge tile available in standard dimensions
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: nuanced white painted fleece
- Rear Side: back fleece

Application Areas

- Office
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 15	2,0	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 15	2,0	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™
	1200 x 600 x 15	2,0	50 / 100	Rockfon® System T24 A™

MS = Minimum suspension

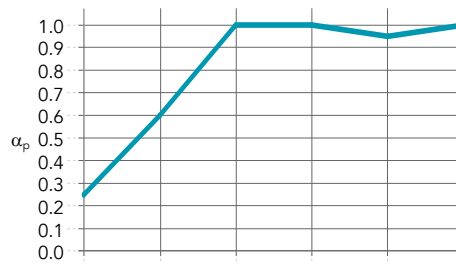
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
15 / 100	0.25	0.60	1.00	1.00	0.95	1.00	0.90	A	0.90



Reaction to fire
 A1



Light reflection
 77 %



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.04 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.65 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Sofit®


- Plain pre-painted white fleece
- Class C sound absorption lightweight tile
- Basic A-edge tile available in standard 600 X 600 dimension
- Easy to clean with a vacuum

Product Description

- Stone wool tile
- Visible side: plain pre-painted white fleece

Application Areas

- Office
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 12	1,6	50 / 100	Rockfon® System T15 A™
	600 x 600 x 15	1,8	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 12	1,6	50 / 100	Rockfon® System T24 A™
	600 x 600 x 15	1,8	50 / 100	Rockfon® System T24 A™

MS = Minimum suspension

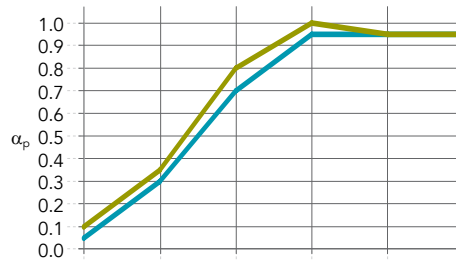
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 0,65 (Class C)



Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
12 / 62	0.05	0.30	0.70	0.95	0.95	0.95	0.60	C	0.75
15 / 60	0.10	0.35	0.80	1.00	0.95	0.95	0.65	C	0.75



Reaction to fire
 A1



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.



Carbon footprint
 Cradle-to-Gate 1.91 - 2.04 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.46 - 2.65 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® CleanSpace™ Essential

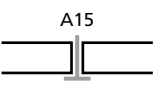

- Rockfon CleanSpace Essential has a white, gently cleanable, micro-textured surface
- A-edge tile available in standard dimensions
- High sound absorption (Class A) and highest fire safety (Class A1)
- Surface can be cleaned with a damp cloth or vacuumed
- Low particle emission: ISO Class 4
- Up to 100% humidity resistance

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges (20-25mm)

Application Areas

- Education
- Retail
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 12	1,6	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 12	1,6	50 / 100	Rockfon® System T15 A™
	600 x 600 x 20	2,1	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 20	2,1	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 12	1,6	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 12	1,6	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	600 x 600 x 20	2,1	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 20	2,1	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	600 x 600 x 25	2,5	50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 25	2,5	50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™
	1500 x 600 x 25	2,5	50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™
	1800 x 600 x 25	2,5	50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™
	2100 x 600 x 25	2,5	50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™
	2400 x 600 x 25	2,5	50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™

MS = Minimum suspension

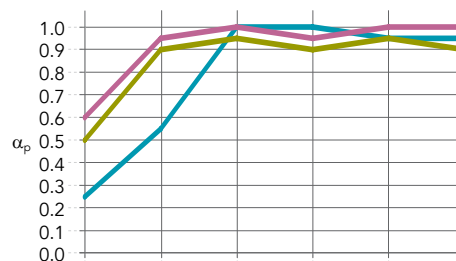
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
12 / 100	0.25	0.55	1.00	1.00	0.95	0.95	0.85	B	0.90
20 / 200	0.50	0.90	0.95	0.90	0.95	0.90	0.95	A	0.95
25 / 200	0.60	0.95	1.00	0.95	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 20-25mm: C/0N



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (quarterly disinfection):
 Active chlorine 2.6%
 Hydrogen peroxide 5%
 Ethanol 70%”



Hygiene
 Stone wool provides no sustenance to microorganisms



Clean Room
 ISO Class 4



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 1.91 - 2.61 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 2.46 - 3.44 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® CleanSpace™ Pro



- Rockfon CleanSpace Pro is a cleanable ceiling tile with good acoustic properties. Applicable in various practical and industrial room types with cleanability requirements. The product is long-lasting and withstands numerous cleaning and disinfection methods
- Full range of formats in semi-concealed and visible grid options
- High sound absorption (Class A) and highest fire safety (Class A1)
- Low particle emission: ISO Class 4
- Rockfon CleanSpace Pro is HACCP verified ensuring safe application in food- and beverage industry
- Rockfon CleanSpace Pro has an anti-static surface that withstands exposure to dust and enhances the product lifetime

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: back fleece
- Sealed edges

Application Areas

- Healthcare
- Education
- Retail
- Leisure
- Industry

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 20	2,3	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 20	2,3	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	600 x 600 x 40	3,3	100 / 200	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 40	3,3	100 / 200	Rockfon® System CleanSpace T24 A, E (ECR)™
 E24	600 x 600 x 20	2,3	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 20	2,3	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™

MS = Minimum suspension

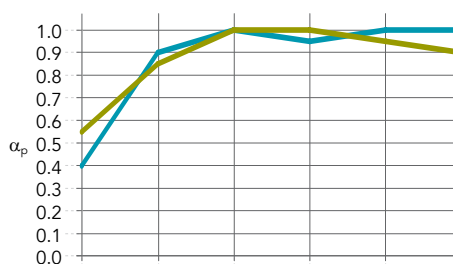
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 1,00 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20 / 200	0.40	0.90	1.00	0.95	1.00	1.00	1.00	A	0.95
A: 40 / 200	0.55	0.85	1.00	1.00	0.95	0.90	1.00	A	0.95



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/ON



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Low pressure foam cleaning (twelve times a year)
- High pressure cleaning (only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (monthly disinfection): Active chlorine 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%



Surface durability
 Enhanced durability and dirt resistance.



Disinfection
 - Resistant to using Hydrogen Peroxide Vapor disinfection with impact on aeration time



Clean Room
 ISO Class 4



Hygiene
 Stone wool provides no sustenance to microorganisms
 Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:
 - Methicillin Resistant Staphylococcus Aureus (MRSA)
 - Candida Albicans
 - Aspergillus Brasiliensis
 - E.Coli
 - Bacillus cereus
 M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.43 - 3.31 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 4.41 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® CleanSpace™ Block


- Rockfon CleanSpace Block is specifically designed for use in high-risk, air pressure controlled environments such as cleanrooms and laboratories where there are demanding sanitation requirements
- Very low particle emission: ISO Class 2
- Resistance to stringent detergents and disinfectants, resulting in 'Excellent' chemical resistance classification
- Does not contribute to the growth of microorganisms

Product Description

- Mineral wool tile encased within an air- and watertight inert film

Application Areas

- Healthcare
- Industry

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 25	2,0	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 25	2,0	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™

MS = Minimum suspension

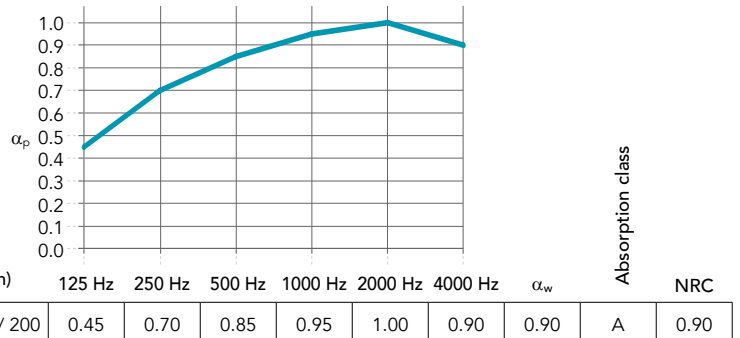
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)



Reaction to fire
 B-s1,d0



Light reflection
 74%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Low pressure foam cleaning (twelve times a year)
- High pressure cleaning (only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- Chemical resistance: Tested according to ISO 2812-1 ("Determination of resistance to liquids - Part 1: Immersion in liquids other than water") and classification in accordance with VDI 2083 Part 17. Results are classified as 'Excellent' with the following detergents and disinfectants (daily disinfection):
 - Formalin (37%)
 - Ammonia (25%)
 - Hydrogen peroxide (30%)
 - Sulphuric acid (5%)
 - Phosphoric acid (30%)
 - Peracetic acid (15%)
 - Hydrochloric acid (5%)
 - Isopropanol (100%)
 - Sodium hydroxide (5%)
 - Sodium hypochlorite (15%)



Surface durability
 The high performance inert film of Rockfon CleanSpace Block provides enhanced durability and water-repellence.
 The film contains DMAc (CAS 127-19-5) in a concentration $\geq 0.1\%$ and $< 1\%$ by weight.



Disinfection

- Resistant to using Hydrogen Peroxide Vapor disinfection without impact on aeration time
- Can withstand and will not be affected by UVC and Ozone disinfection



Hygiene

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis
- E.Coli
- Bacillus cereus

M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



Clean Room
 ISO Class 2



Air pressure
 Suitable in areas where differential pressure is required to prevent infections from spreading.
 Due to its high performance film and combined with hold down clips HDC 2 (11,2 clips/m² for 25mm 600x600 tiles and 8,33 clips/m² for a 25mm 1200x600 tile), it achieves an air leakage rate of less than 0.5m³/h/m²/Pa under a pressure range of 5 to 40 Pa.
 For more information please contact customer service.

Rockfon® CleanSpace™ Pure




- Rockfon CleanSpace Pure is a smooth, deep-matt, pure white cleanable ceiling tile with good acoustic properties. Applicable in various room types with cleanability requirements. The product is long-lasting and withstands numerous cleaning and disinfection methods
- Full range of dimensions and edges for complete design freedom
- High sound absorption (Class A) and highest fire safety (Class A1)
- Low particle emission: ISO Class 3

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Healthcare
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 20	2,3	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 20	2,3	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	600 x 600 x 40	4,1	100 / 200	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 40	4,1	100 / 200	Rockfon® System CleanSpace T24 A, E (ECR)™
 E24	600 x 600 x 20	2,8	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 20	2,8	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
 X	600 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
		3,7	104 / 104	Rockfon® System T24 X DLC™
	1200 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
		3,7	104 / 104	Rockfon® System T24 X DLC™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

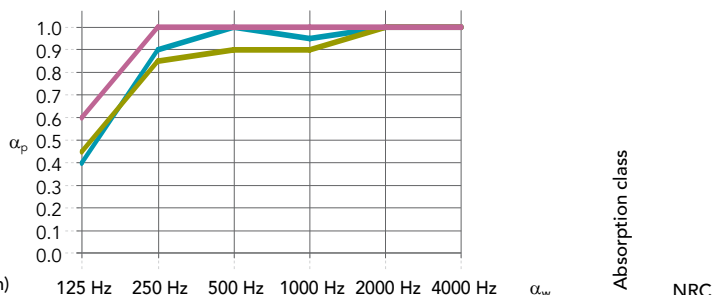
Rockfon® System CleanSpace T24 A, E™ Class B (not ECR) and Rockfon® System T24 X™ / T24X DLC can only be used when cleaning with aggressive chemicals or disinfectants is not required.



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20 / 200	0.40	0.90	1.00	0.95	1.00	1.00	1.00	A	0.95
X: 22 / 200	0.45	0.85	0.90	0.90	1.00	1.00	0.95	A	0.95
A: 40 / 200	0.60	1.00	1.00	1.00	1.00	1.00	1.00	A	1.05



Reaction to fire
 A1



Light reflection and light diffusion
 86% light reflection
 >99% light diffusion



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- High pressure cleaning (only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (weekly disinfection): Active chlorine 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%



Hygiene
 Stone wool provides no sustenance to microorganisms

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis
- E.Coli
- Bacillus cereus

M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



Clean Room
 ISO Class 3



Disinfection

- Resistant to using Hydrogen Peroxide Vapor disinfection with impact on aeration time
- Can withstand and will not be affected by UVC and Ozone disinfection



Surface durability
 Enhanced durability and dirt resistance.
 Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.43 - 4.02 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 5.38 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Visual appearance
 Super-white surface
 L value: 94.5
The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light
 Gloss: 0.8 gloss unit at 85° angle
The gloss of the product is tested in accordance with ISO 2813.



Rockfon® CleanSpace™ Air


- A high-quality, smooth white acoustic ceiling tile
- Rockfon CleanSpace Air is designed for use in pressurised healthcare environments and where differential air pressure is required
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Fulfilling the requirements of Zone 4 (very high risk). Microbiological class M1
- Allows for rigorous cleaning with standard detergents and effectively disinfected by dry steam cleaning
- Class B sound absorption (25 mm) and Class A for 40 mm and highest fire safety (Class A1)

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: airtight high performance membrane
- Sealed edges

Application Areas

- Healthcare
- Industry

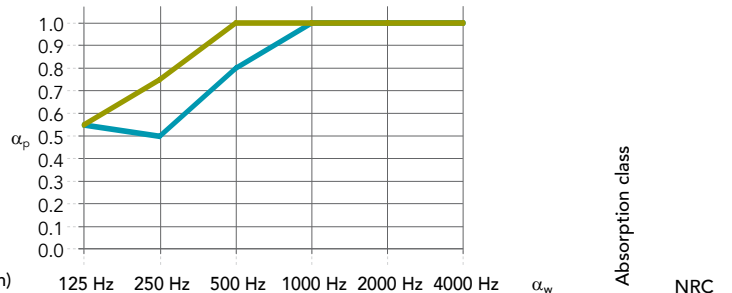
Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation System
 <p>A24</p>	600 x 600 x 25	2,7	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	600 x 600 x 40	4,0	50 / 200	Rockfon® System CleanSpace T24 A, E (ECR)™



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
25 / 200	0.55	0.50	0.80	1.00	1.00	1.00	0.80	B	0.85
40 / 200	0.55	0.75	1.00	1.00	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (monthly disinfection):
 - Active chlorine 2,6%
 - Quaternary ammonium 0,25%
 - Hydrogen peroxide 5%
 - Ethanol 70%
 - Isopropanol 70%

2x Weekly disinfection



Hygiene
 Stone wool provides no sustenance to microorganisms
 Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis

The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Clean Room
 ISO Class 3



Air pressure
 This solution is perfect for rooms where differential pressure is a needed requirement to stop infections from spreading outside the room. When used in combination with a HDC 2 (25 mm tile) or HDC 7 (40 mm tile), 11,2 clips/m² for 600 x 600mm tiles, the high performance membrane with sealed edges, and a closed neoprene foam tape on the grid (mandatory for 25 mm tile) you get an air leakage rate of less than 0.5m³/h/ m²/Pa under a pressure range of 5 to 40 Pa. For more information, please contact customer service.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.



Carbon footprint
 Cradle-to-Gate 2.83 - 4.02 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.74 - 5.38 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® MediCare® Standard

- Fulfils all standard cleaning and hygienic requirements for use in healthcare environments
- Does not contribute to the growth of MRSA and ensures low particle emission (ISO Class 5)
- High sound absorption and highest fire safety (Class A1)
- Basic range of tile dimensions in semi-concealed and visible grid options

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Healthcare

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A15	600 x 600 x 15	2,0	50 / 100	Rockfon® System T15 A™
	1200 x 600 x 15	2,0	50 / 100	Rockfon® System T15 A™
 A24	600 x 600 x 15	2,0	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1200 x 600 x 15	2,0	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
 E15	600 x 600 x 15	2,2	60 / 100	Rockfon® System T15 E™
 E24	600 x 600 x 15	2,2	60 / 100	Rockfon® System MediCare T24 A, E™ (ECR)

MS = Minimum suspension

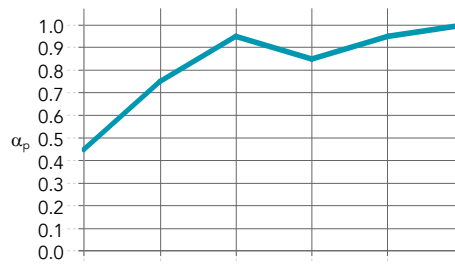
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,95 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

Edge / Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
15 / 200	0.45	0.75	0.95	0.85	0.95	1.00	0.95	A	0.90



Reaction to fire
 A1



Light reflection
 86%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms
 Microbiological class M1 fulfilling the requirements of
 Zone 4 (very high risk) defined by NF S 90-351:2013.
 Tested with:
 - Methicillin Resistant Staphylococcus Aureus (MRSA)
 - Candida Albicans
 - Aspergillus Brasiliensis



Clean Room
 ISO Class 5



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between
 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle
 Certified® Silver and Bronze (depending on product
 type).



Carbon footprint
 Cradle-to-Gate 2.04 - 2.43 kg of CO₂ eq. (based on
 third party verified EPD)
 Cradle-to-Grave 2.65 - 3.19 kg of CO₂ eq. (based on
 third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the
 Finnish M1 emission classification for building materials
 and the Danish Indoor Climate Label for low emission
 products



Rockfon® MediCare® Plus

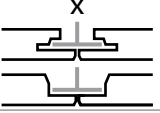
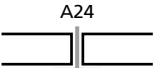
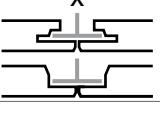
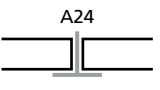
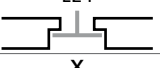
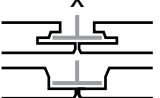
- For demanding healthcare applications requiring cleaning with damp cloth using standard detergents and specialist dry steam cleaning
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- High sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats in concealed, semi-concealed and visible grid options

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: back fleece
- Sealed edges

Application Areas

- Healthcare

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
	1200 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
	600 x 600 x 20	2,3	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1200 x 600 x 22	3,7	104 / 104	Rockfon® System T24 X DLC™
	1200 x 600 x 20	2,3	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1800 x 600 x 20	2,3	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	2100 x 600 x 25	2,7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	2400 x 600 x 25	2,7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	600 x 600 x 20	2,8	60 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1200 x 600 x 20	2,8	60 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	600 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
		3,7	104 / 104	Rockfon® System T24 X DLC™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

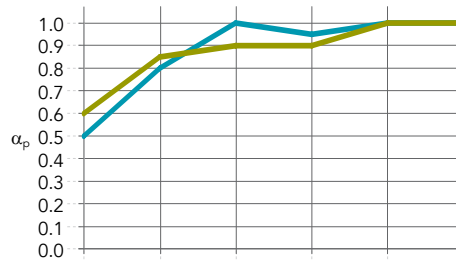
Rockfon® System MediCare T24 A, E™ Class B (not ECR) and Rockfon® System T24 X™ / T24X DLC can only be used when cleaning with aggressive chemicals or disinfectants is not required.



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



Edge / Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20-25 / 200	0.50	0.80	1.00	0.95	1.00	1.00	1.00	A	0.95
Other edges: 20-22 / 200	0.60	0.85	0.90	0.90	1.00	1.00	0.95	A	0.90



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/ON



Cleaning

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis

The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Surface durability
 Enhanced durability and dirt resistance.



Clean Room
 ISO Class 3



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.43 - 3.17 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 4.22 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® MediCare® Air


- Specifically designed for use in pressurised healthcare environments where differential air pressure is required to prevent infection spreading eg. surgeries, recovery rooms, intensive care, etc.
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Can be cleaned with standard detergents and effectively disinfected by dry steam cleaning
- Class B sound absorption and highest fire safety (Class A1)
- Basic A-edge tile available in standard dimensions

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: airtight high performance membrane
- Sealed edges

Application Areas

- Healthcare

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 25	2,7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1200 x 600 x 25	2,7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

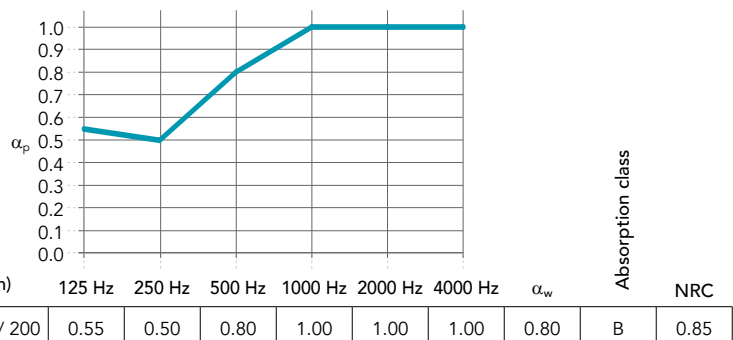
Rockfon® System MediCare T24 A, E™ Class B (non-ECR) can only be used when cleaning with chemical, aggressive components or disinfectants is not required.



Performance



Sound absorption
 α_w : 0,80 (Class B)



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis

The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (> 5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Surface durability
 Enhanced durability and dirt resistance.



Clean Room
 ISO Class 3



Air pressure
 This solution is perfect for rooms where differential pressure is a needed requirement to stop infections from spreading outside the room. When used in combination with a HDC 2 (25 mm tile) or HDC 7 (40 mm tile), 11,2 clips/m² for 600 x 600mm tiles, the high performance membrane with sealed edges, and a closed neoprene foam tape on the grid (mandatory for 25 mm tile) you get an air leakage rate of less than 0.5m³/h/ m²/Pa under a pressure range of 5 to 40 Pa. For more information, please contact customer service.



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021. Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.83 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.74 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® MediCare® Block


- Specifically designed for use in high-risk, pressurised healthcare environments where high cleanability is required such as emergency rooms, washing facilities and intensive care
- Does not contribute to the growth of MRSA, Clean Room Classification ISO Class 2
- Very good cleanability properties for most stringent cleaning methods, chemical resistance classification 'Excellent'

Product Description

- Mineral wool tile encased within an air- and watertight inert film

Application Areas

- Healthcare

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	1200 x 600 x 25	2,0	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	600 x 600 x 25	2,0	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)

MS = Minimum suspension

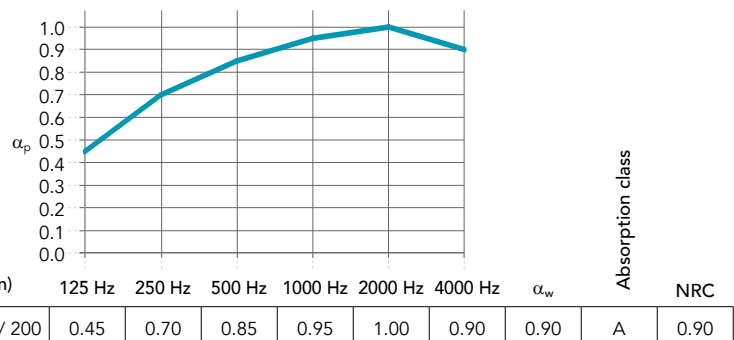
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,90 (Class A)



Reaction to fire
 B-s1,d0



Light reflection
 74%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (daily)
- Resistant to disinfection using Hydrogen Peroxide Vapour, with no impact on aeration time
- Chemical resistance: Tested according to ISO 2812-1 ("Determination of resistance to liquids - Part 1: Immersion in liquids other than water") and classification in accordance with VDI 2083 Part 17. Results are classified as 'Excellent' with the following detergents and disinfectants (daily disinfection):
 - Formalin (37%)
 - Ammonia (25%)
 - Hydrogen peroxide (30%)
 - Sulphuric acid (5%)
 - Phosphoric acid (30%)
 - Peracetic acid (15%)
 - Hydrochloric acid (5%)
 - Isopropanol (100%)
 - Sodium hydroxide (5%)
 - Sodium hypochlorite (15%)



Hygiene

Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013. Tested with:

- Methicillin Resistant Staphylococcus Aureus (MRSA)
- Candida Albicans
- Aspergillus Brasiliensis



Surface durability

The high performance inert film of Rockfon MediCare Block provides enhanced durability and water-repellence. The film contains DMAc (CAS 127-19-5) in a concentration $\geq 0.1\%$ and $< 1\%$ by weight.



Clean Room
 ISO Class 2



Air pressure

Suitable in areas where differential pressure is required to prevent infections from spreading. Due to its high performance film and combined with a HDC 2 (25 mm tile) or HDC 7 (40 mm tile), 11,2 clips/m² for 600 x 600mm tiles, it achieves an air leakage rate of less than 0.5m³/h/m²/Pa under a pressure range of 5 to 40 Pa. For more information please contact customer service.

Rockfon® Samson™

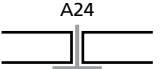



- Impact-resistant white woven surface, ideal for high activity areas
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: Woven
- Rear side: back fleece
- Painted edges

Application Areas

- Office
- Education
- Industry
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	600 x 600 x 40	4,1	150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™
		4,1	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 40	4,1	150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™
		4,1	50 / 200	Rockfon® System T24 A™
 <p>A HAT</p>	2400 x 600 x 40	4,1	50 / 200	Rockfon® System T24 A™
	600 x 600 x 40	4,1	41 / Not demountable	Rockfon® System HAT A™
 <p>A HAT</p>	1200 x 600 x 40	4,1	41 / Not demountable	Rockfon® System HAT A™
 <p>AEX</p>	1166 x 1166 x 40	4,1	180 / 180	Rockfon® System Olympia Plus A Impact 1A™

MS = Minimum suspension

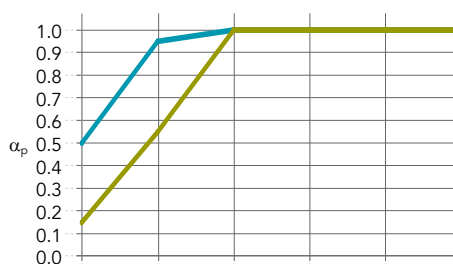
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
40 / 225	0.50	0.95	1.00	1.00	1.00	1.00	1.00	A	1.05
40 / 40	0.15	0.55	1.00	1.00	1.00	1.00	0.85	B	0.90



Reaction to fire
 A1



Light reflection
 72%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 4.02 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.38 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Impact resistance
 40 mm: Class 1A (Rockfon System OlympiaPlus A Impact 1A)
 40 mm: Class 2A (Rockfon System T24 A Impact 2A/3A)
 Tested in accordance with EN13964-Annex D. Impact resistance classifications confirm the system's capability to withstand incidental or occasional impact. Directly mounted, Rockfon Samson is not recommended for use in areas which are subjected to continuous high levels of impact. The woven surface of Rockfon Samson provides enhanced resistance to perforation, tested in accordance with NF P 08-301.



Rockfon® Boxer™


- Highly impact-resistant micro-textured white, ideal for high activity areas such as schools and sports facilities
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: Woven
- Rear side: back fleece

Application Areas

- Education
- Industry
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	600 x 600 x 20	2,4	50 / 100	Rockfon® System T24 A™
		2,4	50 / 100	Rockfon® System XL T24 A™
		2,4	150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™
	1200 x 600 x 20	2,4	50 / 100	Rockfon® System T24 A™
		2,4	50 / 100	Rockfon® System XL T24 A™
		2,4	150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™
	1800 x 600 x 20	2,4	50 / 100	Rockfon® System XL T24 A™
	2100 x 600 x 20	2,4	50 / 100	Rockfon® System T24 A™
	2400 x 600 x 20	2,4	50 / 100	Rockfon® System T24 A™
	600 x 600 x 40	4,1	50 / 200	Rockfon® System T24 A™
		4,1	150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™
	1200 x 600 x 40	4,1	50 / 200	Rockfon® System T24 A™
4,1		150 / Not demountable	Rockfon® System T24 A Impact 2A/3A™	
2400 x 600 x 40	4,1	50 / 200	Rockfon® System T24 A™	
 <p>AEX</p>	1166 x 1166 x 40	4,1	180 / 180	Rockfon® System Olympia Plus A Impact 1A™

MS = Minimum suspension

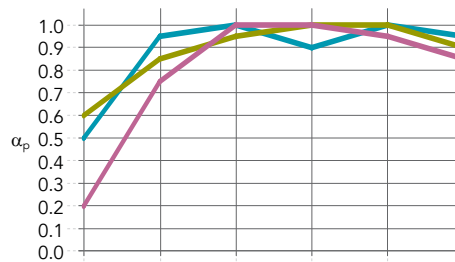
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
20 / 200	0.50	0.95	1.00	0.90	1.00	0.95	1.00	A	0.95
40 / 225	0.60	0.85	0.95	1.00	1.00	0.90	1.00	A	0.95
40 / 40	0.20	0.75	1.00	1.00	0.95	0.85	0.95	A	0.95



Reaction to fire
 A1



Light reflection
 85 %



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 2.43 - 4.02 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 5.38 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 40-50 mm:
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Impact resistance
 20 mm : Class 3A (Rockfon System T24 A Impact 2A/3A)
 40 mm : Class 1A (Rockfon System OlympiaPlus A Impact 1A)
 40 mm : Class 2A (Rockfon System T24 A Impact 2A/3A)
 Tested in accordance with EN13964-Annex D. Impact resistance classifications confirm the system's capability to withstand incidental or occasional impact.



Rockfon® Facett™

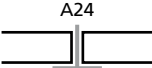
- Soft structured surface
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Provides premium thermal insulation that is ideal for areas such as parking garages

Product Description

- Stone wool tile
- Visible side: white fleece
- Edge: not painted

Application Areas

- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	1200 x 600 x 40	4,1	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 50	5,0	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 60	5,9	80 / 250	Rockfon® System T24 A™
	1200 x 600 x 80	7,7	80 / 250	Rockfon® System T24 A™
	1200 x 600 x 100	9,5	100 / 300	Rockfon® System T24 A™

MS = Minimum suspension

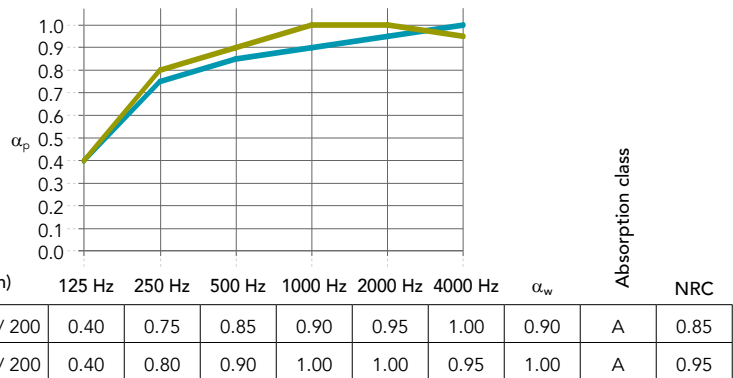
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Reaction to fire
 A1



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 4.02 - 8.77 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.38 - 11.95 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Rockfon® Industrial™ Black


- Soft structured black surface that can be used either as a ceiling or place behind other surfaces
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: pre-finished surface
- Rear side: back fleece

Application Areas

- Education
- Industry

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	1200 x 600 x 50	4,0	50 / 200	Rockfon® System T24 A™
	1200 x 1200 x 50	4,0	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 80	6,1	80 / 250	Rockfon® System T24 A™
	1200 x 600 x 100	7,5	100 / 300	Rockfon® System T24 A™

MS = Minimum suspension

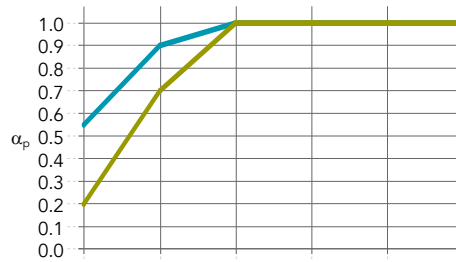
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 1,00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
50-100 / 200	0.55	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
50 / 50	0.20	0.70	1.00	1.00	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 3.93 - 7.01 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.26 - 9.52 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Rockfon® Industrial™ Opal


- Soft structured off-white surface that can be used either as a ceiling or place behind other surfaces
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: pre-finished surface
- Rear side: back fleece

Application Areas

- Industry
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	1200 x 600 x 50	4,0	50 / 200	Rockfon® System T24 A™
	1200 x 1200 x 50	4,0	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 80	6,1	80 / 250	Rockfon® System T24 A™
	1200 x 600 x 100	7,5	100 / 300	Rockfon® System T24 A™

MS = Minimum suspension

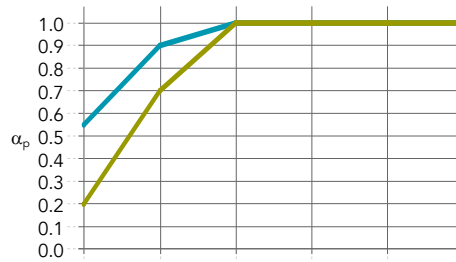
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 1,00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
50-100 / 200	0.55	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
50 / 50	0.20	0.70	1.00	1.00	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Light reflection
 64 %



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 3.93 - 7.01 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.26 - 9.52 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation

Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Rockfon® Industrial™ Nature


- Soft structured natural surface that can be used either as a ceiling or place behind other surfaces
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Basic range of dimensions and edges

Product Description

- Stone wool tile
- Visible side: pre-finished surface
- Rear side: back fleece

Application Areas

- Industry
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 <p>A24</p>	1200 x 600 x 50	4,0	50 / 200	Rockfon® System T24 A™
	1200 x 1200 x 50	4,0	50 / 200	Rockfon® System T24 A™
	1200 x 600 x 80	6,1	80 / 250	Rockfon® System T24 A™
	1200 x 600 x 100	7,5	100 / 300	Rockfon® System T24 A™

MS = Minimum suspension

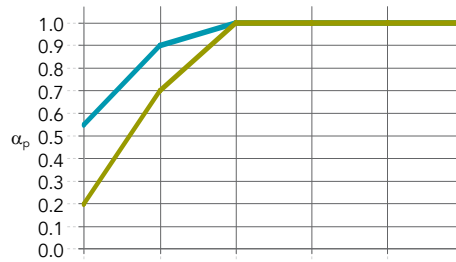
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 1,00 (Class A)



Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
50-100 / 200	0.55	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
50 / 50	0.20	0.70	1.00	1.00	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity
 C/0N



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 3.93 - 7.01 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.26 - 9.52 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 37 \text{ mW/mK}$



Rockfon® Cosmos™ Grey


- A basic micro-textured painted fleece
- High sound absorption (Class A) and the highest fire safety (Class A1)
- Provides heat insulation due to the thickness of the tile

Product Description

- Stone wool tile
- Visible side: micro-textured painted fleece
- Rear side: back fleece
- Painted edges

Application Areas

- Education
- Industry
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
	1200 x 600 x 40	4,1	40 / 40	Rockfon® System B Screw/Hook™
		4,1	44 / 44	Rockfon® System B Adhesive™
	1200 x 600 x 50	5,0	50 / 50	Rockfon® System B Screw/Hook™
		5,0	54 / 54	Rockfon® System B Adhesive™
	1200 x 600 x 60	5,9	60 / 60	Rockfon® System B Screw/Hook™
		5,9	64 / 64	Rockfon® System B Adhesive™
	1200 x 600 x 80	7,3	80 / 80	Rockfon® System B Screw/Hook™
		7,3	84 / 84	Rockfon® System B Adhesive™
	1200 x 600 x 100	9,0	100 / 100	Rockfon® System B Screw/Hook™
		9,0	104 / 104	Rockfon® System B Adhesive™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

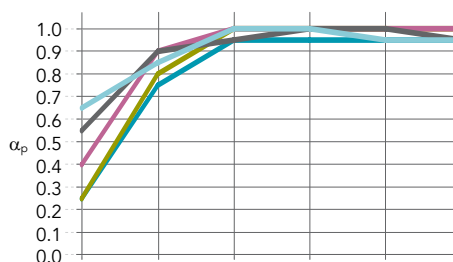
Tiles mounted with Cosmos hooks are not demountable



Performance



Sound absorption
 α_w : up to 1,00 (Class A)



Thickness (mm) /
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
40 / 40	0.25	0.75	0.95	0.95	0.95	0.95	0.95	A	0.90
50 / 50	0.25	0.80	1.00	1.00	1.00	1.00	1.00	A	0.95
60 / 60	0.40	0.90	1.00	1.00	1.00	1.00	1.00	A	1.00
80 / 80	0.55	0.90	0.95	1.00	1.00	0.95	1.00	A	0.95
100 / 100	0.65	0.85	1.00	1.00	0.95	0.95	1.00	A	0.95



Reaction to fire
 A1



Light reflection
 67 %



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity



Cleaning
 - Vacuum
 - Damp cloth



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 4.02 - 8.33 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.38 - 11.35 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Thermal insulation
 Thermal conductivity:
 $\lambda_D = 34 \text{ mW/mK}$



Rockfon® Soundstop™

- Acoustic barriers which reduce noise transfer in ceiling and floor plenums
- Easy to install above or below modular partitions

Product Description

- Stone wool panel with aluminium foil membrane to one side
- 30 dB rating requires two layers of panels, each 30mm thick, placed back to back

Application Areas

- Office
- Healthcare
- Education
- Industry
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/m ²)
Soundstop 21 dB	1200 x 1000 x 65	4,7
Soundstop 30 dB	1200 x 1000 x 60	6,9

Soundstop 30 dB: The actual thickness equals 2x30 mm



Performance



Direct sound insulation

$R_w = 21$ dB
 $R_w = 30$ dB



Room to room sound insulation

*) Values obtained on the basis of theoretical analysis.

Product	$D_{n,f,w}$	$D_{n,f,w}$ with Rockfon Soundstop 21 dB	$D_{n,f,w}$ with Rockfon Soundstop 30 dB
Rockfon Blanka A (20mm)	26		
Rockfon Blanka D/Aex (20mm)	25		
Rockfon Blanka dB 35	35	44*	50*
Rockfon Blanka dB 41	41	50*	55*
Rockfon Blanka dB 43	43	53*	56*
Rockfon Blanka dB 46	46	55*	58*
Rockfon Sonar A (20 mm)	27	41*	47*
Rockfon Sonar dB 35	35	44*	50*
Rockfon Sonar dB 41	41	51*	55*
Rockfon Sonar dB 43	43	52*	56*
Rockfon Sonar dB 46	46	55*	58*



Reaction to fire

C-s1,d0
(21 dB)
A1 (30 dB)



Humidity and sag resistance

Up to 100% RH



Hygiene

Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.



Carbon footprint

Cradle-to-Gate 4.85 - 6.66 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave 6.54 - 9.03 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Rocklux®

- Sound insulating cap limiting sound transmission through technical installations
- Ideal in combination with Rockfon dB products for optimal confidentiality and privacy
- Suitable for a large range of technical installations in several modular dimensions
- Easy to install

Product Description

- Stone wool core
- Inner side: mineral fleece
- Outer side: aluminium foil

Application Areas

- Office
- Education
- Healthcare

Module size (mm)	Weight (kg/unit)	Recommended installation system
1105 x 1105 x 30 *	4,2	Rockfon® System T24 A™
1780 x 745 x 30 **	4,5	Rockfon® System T24 A™

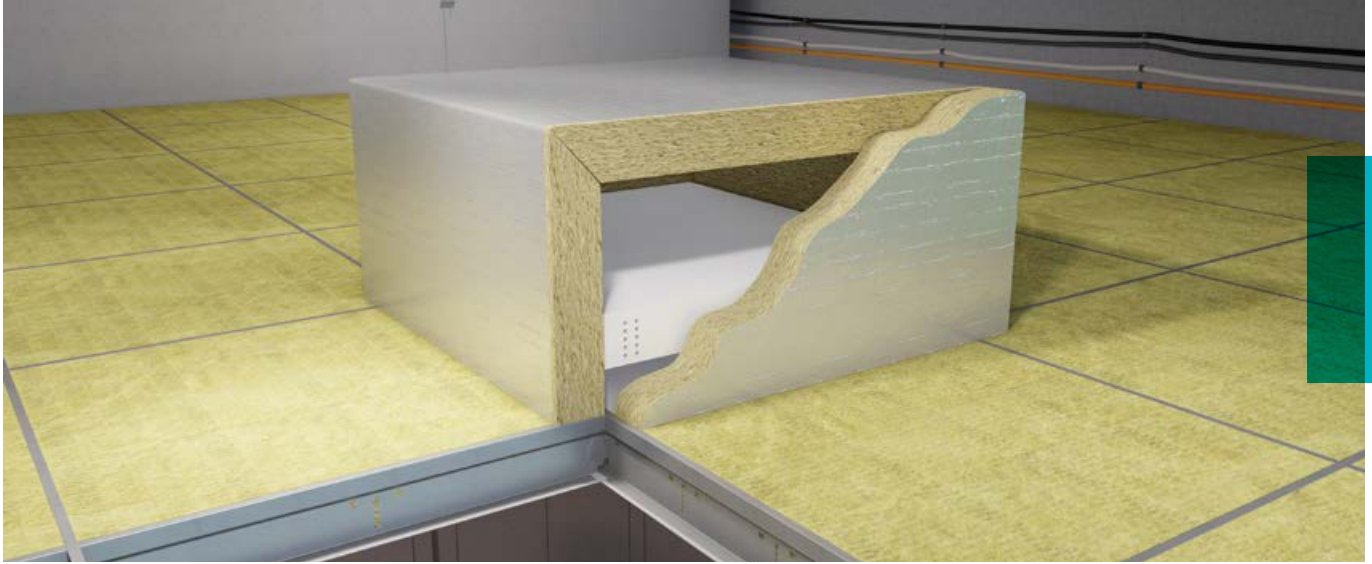
Rockfon Rocklux is delivered flat and must be assembled. Its internal/external dimensions when assembled are:

* 725x725x130 / 785x785x160 mm: suitable for technical installations in modular sizes: 600x600, 625x625, 675x675 mm

** 1400x365x130 / 1460x425x160 mm: suitable for technical installations in modular sizes: 1200x300, 1250x312,5, 1350x300 mm.

Use 2 pieces Rockfon Rocklux 1105x1105x30 mm assembled with aluminium tape for technical installations in modular sizes: 1200x600, 1250x625, 1350x600 mm.

Internal dimensions include min. 50mm oversize (total) for light fixing protrusions.



Performance



Reaction to fire
A1



Humidity and sag resistance
Up to 100% RH



Hygiene
Stone wool provides no sustenance to microorganisms



Environment
Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.



Carbon footprint
Cradle-to-Gate 3.75 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave 5.02 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Eclipse™

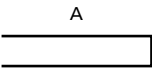





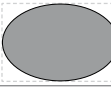
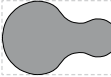
- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth, deep-matt, and super white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Rockfon Eclipse is available in a variety of shaped formats with a clean minimalistic A-edge and an unlimited custom colour range using NCS
- Quick and easy to install, Rockfon Eclipse can be used alone or where a traditional suspended ceiling cannot be installed
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection

Product Description

- Stone wool island
- Visible side: smooth, deep matt, super white painted fleece
- Rear side: white backing fleece
- Painted edges

Application Areas

- Retail
- Education
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	MS / MS easy access (mm)	Recommended installation system
	Square 	1160 x 1160 x 40	9	55 / 55	Rockfon® System Eclipse Island™
	Rectangle 	1760 x 1160 x 40	13	190 / 190	Rockfon® System Eclipse Island™
		2360 x 1160 x 40	17	190 / 190	Rockfon® System Eclipse Island™
	Circle 	800 x 800 x 40	3	190 / 190	Rockfon® System Eclipse Island™
	Triangle 	1160 x 1160 x 40	7	190 / 190	Rockfon® System Eclipse Island™
			4	190 / 190	Rockfon® System Eclipse Island™
			6	190 / 190	Rockfon® System Eclipse Island™
	Hexagon 	1760 x 1160 x 40	10	190 / 190	Rockfon® System Eclipse Island™
Oval 	9		190 / 190	Rockfon® System Eclipse Island™	
Free-form 			190 / 190	Rockfon® System Eclipse Island™	

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

Free-form sizes bigger than 2400 length or 1200 width will be produced as two halves.

Contact us for special shapes, colours, sizes, lead times and minimum quantities.

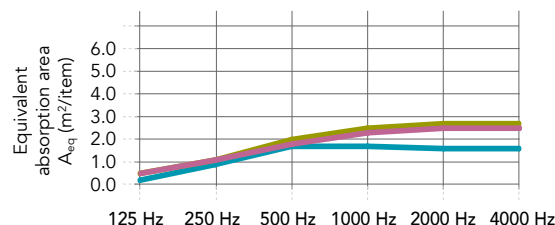


Performance

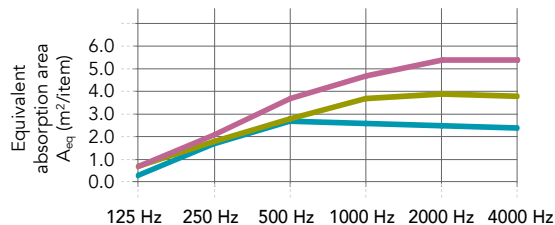


Sound absorption A_{eq} (m²/item)

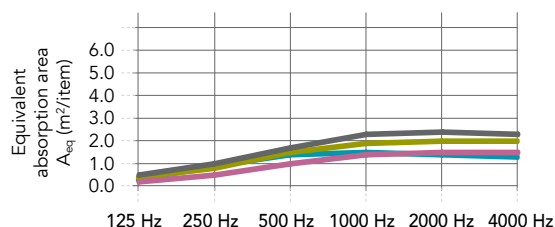
* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



Square 1160 single item* (suspension height: 13mm)	0.2	0.9	1.7	1.7	1.6	1.6
Square 1160 single item* (suspension height: 500mm)	0.5	1.1	2.0	2.5	2.7	2.7
Square 1160 array of 5 items, 300mm distance (suspension height 500mm)	0.5	1.1	1.8	2.3	2.5	2.5



Rectangle 1760 single item* (suspension height: 13mm)	0.3	1.7	2.7	2.6	2.5	2.4
Rectangle 1760 single item* (suspension height: 500mm)	0.7	1.8	2.8	3.7	3.9	3.8
Rectangle 2360 single item* (suspension height: 500mm)	0.7	2.1	3.7	4.7	5.4	5.4



Circle 1160 single item* (suspension height: 13 mm)	0.3	0.9	1.4	1.5	1.4	1.3
Circle 1160 single item* (suspension height: 500 mm)	0.4	0.8	1.5	1.9	2.0	2.0
Triangle 1160 single item* (suspension height: 500 mm)	0.2	0.5	1.0	1.4	1.5	1.5
Hexagon 1160 single item* (suspension height: 500 mm)	0.5	1.0	1.7	2.3	2.4	2.3



Reaction to fire

A1

Rockfon Eclipse Rectangle 2360: A2-s1,d0



Light reflection and light diffusion

87% light reflection (rear side: 79%)
>99% light diffusion



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity
Rockfon Eclipse is not suitable for use in swimming pools or outdoors.

For more information, please contact Rockfon.



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment

Fully recyclable stone wool

The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.

Rockfon acoustic solutions are Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 6.13 kg of CO₂ eq. (based on third party verified EPD)

Cradle-to-Grave 8.30 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.

Rockfon® Eclipse™ Colour

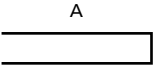


- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth coloured, matt surface
- Rockfon Eclipse Colour is available in two formats (circle and square) and 11 exclusive colours from the Rockfon Color-All range to inspire and enhance your interior design scheme
- Subtle yet playful colours made to mix and match either within the same room or in different areas of a building
- Quick and easy to install, Rockfon Eclipse Colour can be used alone or where a traditional suspended ceiling cannot be installed
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection

Product Description

- Stone wool island
- Visible side: Smooth coloured, matt fleece
- Rear side: white backing fleece
- Painted edges

Application Areas

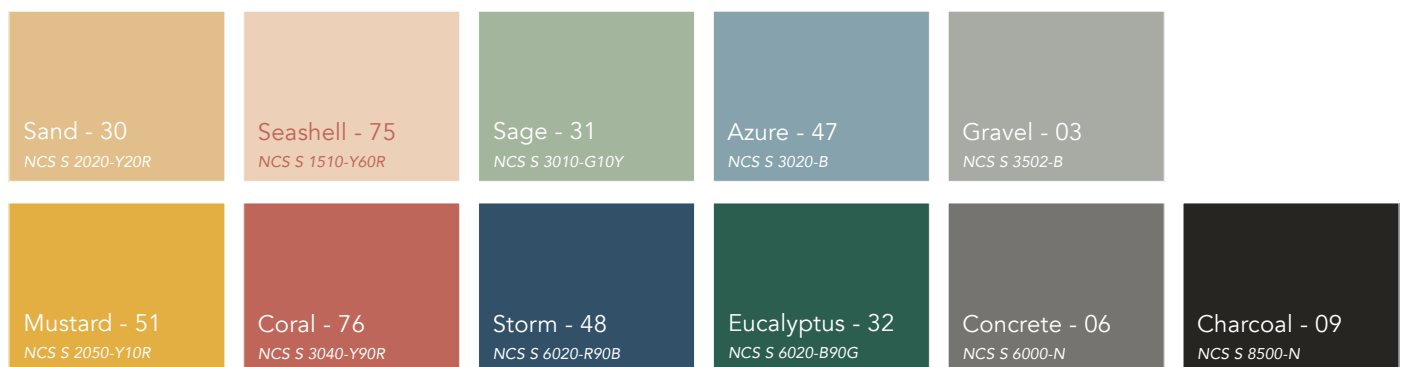
- Retail
- Education
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	MS / MS easy access (mm)	Recommended installation system
 A	 Circle	1160 x 1160 x 40	7	190 / 190	Rockfon® System Eclipse Island™
	 Square		9	55 / 55	Rockfon® System Eclipse Island™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

Colours



NCS codes are closest colour match. The actual colour of the islands may deviate slightly from printed colours due to the texture of the surface and the underlying colour of stone wool.

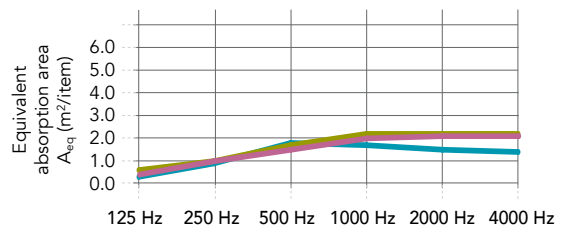


Performance

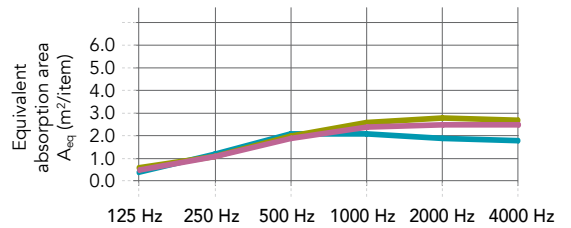


Sound absorption A_{eq} (m²/item)

* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Circle 1160 single item* (suspension height: 45mm)	0.3	0.9	1.8	1.7	1.5	1.4
Circle 1160 single item* (suspension height: 500mm)	0.6	1.0	1.7	2.2	2.2	2.2
Circle 1160 array of 2x4 items, 300mm distance (suspension height 500mm)	0.4	1.0	1.5	2.0	2.1	2.1



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Square 1160 single item* (suspension height: 45mm)	0.4	1.2	2.1	2.1	1.9	1.8
Square 1160 single item* (suspension height: 500mm)	0.6	1.1	2.0	2.6	2.8	2.7
Square 1160 array of 2x4 items, 300mm distance (suspension height 500mm)	0.5	1.1	1.9	2.4	2.5	2.5



Reaction to fire A2-s1,d0



Light reflection Colour-dependent



Humidity and sag resistance Up to 100% RH. No visible deflection in high humidity Rockfon Eclipse is not suitable for use in swimming pools or outdoors. For more information, please contact Rockfon.



Cleaning - Vacuum



Hygiene Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 6.12 - 6.13 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave n/a - 8.3 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon Eclipse® Customised

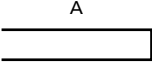
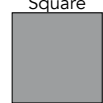

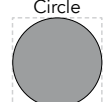


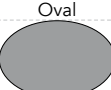

- Innovative and aesthetically pleasing frameless acoustic island comes in a smooth, matt surface with an unlimited custom colour range using NCS
- Rockfon Eclipse Customised is available in an unlimited variety of shapes, allowing for unique design freedom to inspire and enhance your interior design scheme
- Quick and easy to install, Rockfon Eclipse Customised can be used alone or where a traditional suspended ceiling cannot be installed
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection

Product Description

- Stone wool island
- Visible side: smooth custom-coloured, matt fleece
- Rear side: white backing fleece
- Painted edges

Application Areas

- Retail
- Education
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	MS / MS easy access (mm)	Recommended installation System
	Square 	1160 x 1160 x 40	9	55 / 55	Rockfon® System Eclipse Island™
	Rectangle 	1160 x 580 x 40	5	190 / 190	Rockfon® System Eclipse Island™
		1760 x 1160 x 40	13	190 / 190	Rockfon® System Eclipse Island™
		2360 x 1160 x 40	17	190 / 190	Rockfon® System Eclipse Island™
	Circle 	800 x 800 x 40	3	190 / 190	Rockfon® System Eclipse Island™
		Triangle 	1160 x 1160 x 40	7	190 / 190
	4			190 / 190	Rockfon® System Eclipse Island™
	6			190 / 190	Rockfon® System Eclipse Island™
Hexagon 	Oval 	1760 x 1160 x 40	10	190 / 190	Rockfon® System Eclipse Island™
Free-form 		- x - x 40	-		Rockfon® System Eclipse Island™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

Contact us for special shapes, sizes, two-sided painted Eclipse Customised, lead times and minimum order quantities.

Free-form sizes bigger than 2400 length or 1200 width will be produced as two halves.

Size 2360 x 1160 x 40 is only available in custom colours on one side.

Note: MS / MS easy access 190 mm is very comfortable for the installer. Within this height he has 150 mm space above the upper surface of the tile for handling. In practice this height can be considerably reduced, even down to 110 mm, resulting in reducing also the MS / MS easy access down to 150 mm.



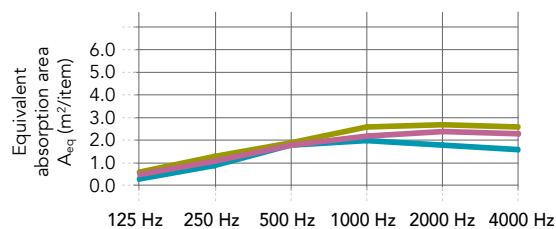
Performance



Sound absorption

A_{eq} (m²/item)

* Distance between items greater or equal to 2000mm. Further acoustic data available; contact your local Rockfon technical support.



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Square 1160 single item* (suspension height: 15mm)	0.3	0.9	1.8	2.0	1.8	1.6
Square 1160 single item* (suspension height: 500mm)	0.6	1.3	1.9	2.6	2.7	2.6
Square 1160 array of 6 items, 300mm distance (suspension height 500mm)	0.5	1.1	1.8	2.2	2.4	2.3



Reaction to fire

A2-s1,d0



Light reflection

Colour-dependent



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.



Carbon footprint

Cradle-to-Gate 6.13 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave 8.30 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon Contour®




- Aesthetically superior, frameless acoustic baffles
- Very quick and easy to install
- Create strong statement ceiling design using wave shapes in playful and mood creating patterns
- Ideally suited for enhancing acoustics in thermal mass areas or where frequent and unhindered access to services is required
- Use alone or in combination with an existing acoustic ceiling to enhance the sound absorption

Product Description

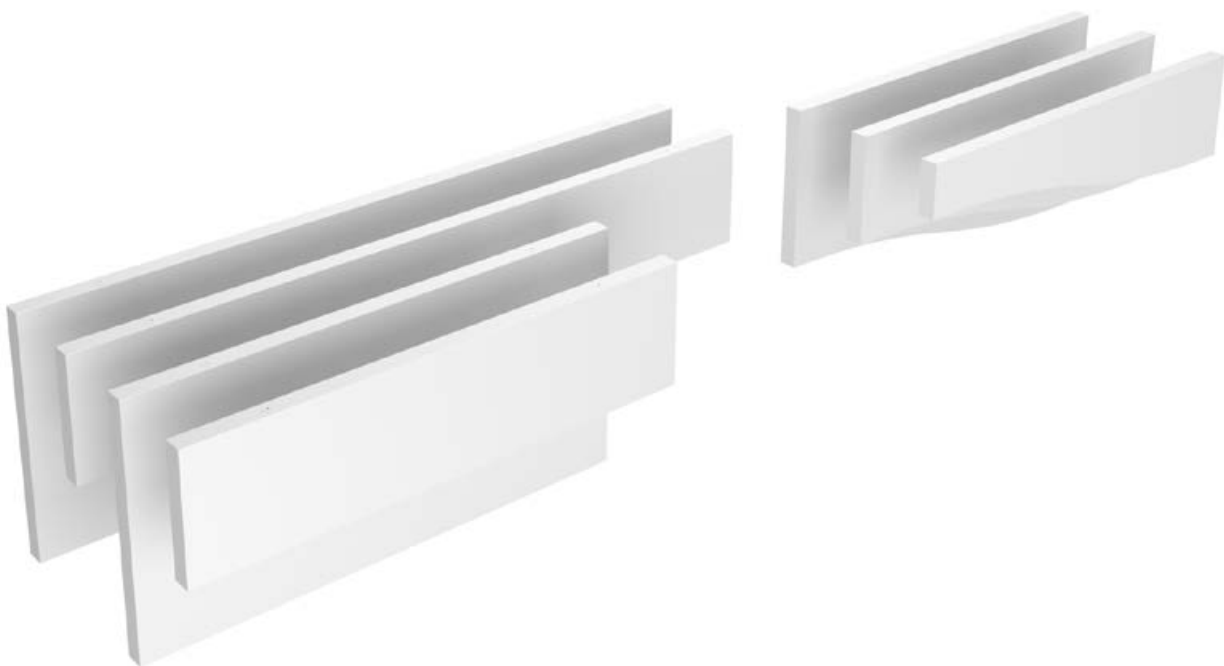
- Stone wool baffle
- Surface: smooth, matt white fleece
- Edge: matt white structured paint
- 4 rectangular shapes and 3 modular wave shapes
- Suspension points integrated in the baffle

Application Areas

- Education
- Retail
- Healthcare
- Industry
- Office
- Leisure

Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	Recommended installation System
	Rectangle 	1200 x 300 x 50	2,2	Rockfon® System Contour Baffle™
		1200 x 600 x 50	4,4	Rockfon® System Contour Baffle™
		1800 x 300 x 50	3,3	Rockfon® System Contour Baffle™
		1800 x 600 x 50	6,5	Rockfon® System Contour Baffle™
	Wave 	1200 x 150-300 x 50	1,7	Rockfon® System Contour Baffle™
		1200 x 300-450 x 50	2,7	Rockfon® System Contour Baffle™
		1200 x 450-600 x 50	3,8	Rockfon® System Contour Baffle™

Contact us for special sizes, lead times and minimum quantities.



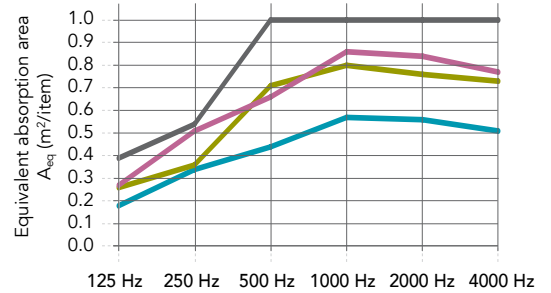


Performance

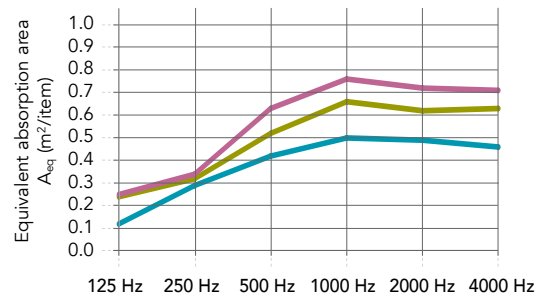


Sound absorption A_{eq} (m²/item)

*) Values obtained on the basis of theoretical analysis. More data available on A_{eq} and α_w values. For more information, contact your local sales support



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Rectangular 1200x300x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.18	0.34	0.44	0.57	0.56	0.51
Rectangular 1200x600x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.26	0.36	0.71	0.80	0.76	0.73
Rectangular 1800x300x50 mm: single baffle (0,7 baffle/m ² ; row distance: 83 cm)*	0.27	0.51	0.66	0.86	0.84	0.77
Rectangular 1800x600x50 mm: single baffle (0,7 baffle/m ² ; row distance: 83 cm)*	0.39	0.54	1.07	1.20	1.14	1.09



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Wave 1200x150/300x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.12	0.29	0.42	0.50	0.49	0.46
Wave 1200x300/450x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.24	0.32	0.52	0.66	0.62	0.63
Wave 1200x450/600x50 mm: single baffle (1 baffle/m ² ; row distance: 83 cm)	0.25	0.34	0.63	0.76	0.72	0.71



Reaction to fire A1



Light reflection 79%



Humidity and sag resistance

Up to 100% RH
Rockfon Contour is not suitable for use in swimming pools.
For more information, please contact Rockfon.



Cleaning - Vacuum



Hygiene Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 6.13 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave 8.30 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Universal™ Baffle

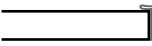

- Creative and innovative acoustic solutions, available Universal White and in 33, subtle to bold, long-lasting colours that will inspire and compliment any open plenum design
- Ideal for thermal mass areas or where frequent or unhindered access to services is required
- Comes with a robust frame that protects the panel edges from damages
- Available with multiple suspension design possibilities

Product Description

- Panel: Smooth white fleece or pre-painted coloured, matt surface
- Frame: White or Color-all powder coated hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Office
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/unit)	Recommended installation system
 2F	1200 x 300 x 50	1,7	Rockfon® System Universal Baffle™
	1200 x 450 x 50	2,4	Rockfon® System Universal Baffle™
	1200 x 600 x 50	3,4	Rockfon® System Universal Baffle™
 4F	1200 x 300 x 50	2,5	Rockfon® System Universal Baffle™
	1200 x 450 x 50	3,2	Rockfon® System Universal Baffle™
	1200 x 600 x 50	4,0	Rockfon® System Universal Baffle™
	1800 x 300 x 50	3,5	Rockfon® System Universal Baffle™
	1800 x 600 x 50	5,1	Rockfon® System Universal Baffle™

Edge detail 2F = 2 Framed

Edge detail 4F = 4 Framed

Rockfon Universal Baffle, with 2 frames, is only available in white.

Colours (4F)



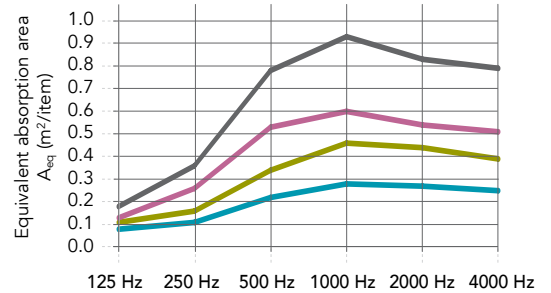


Performance

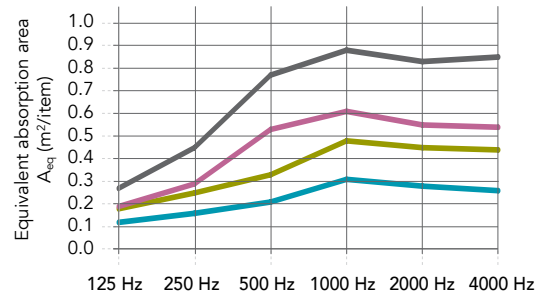


Sound absorption A_{eq} (m²/item)

C - center distance between baffles' rows,
H - suspension height: net distance between baffle and the soffit



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 (4F) - Baffles in rows, C300, H300	0.08	0.11	0.22	0.28	0.27	0.25
1200x300x50 (4F) - Baffles in rows, C600, H300	0.11	0.16	0.34	0.46	0.44	0.39
1200x600x50 (4F) - Baffles in rows, C600, H300	0.13	0.26	0.53	0.60	0.54	0.51
1200x600x50 (4F) - Baffles in rows, C1200, H300	0.18	0.36	0.78	0.93	0.83	0.79



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 (4F) - Baffles in rows, C300, H40	0.12	0.16	0.21	0.31	0.28	0.26
1200x300x50 (4F) - Baffles in rows, C600, H40	0.18	0.25	0.33	0.48	0.45	0.44
1200x600x50 (4F) - Baffles in rows, C600, H40	0.19	0.29	0.53	0.61	0.55	0.54
1200x600x50 (4F) - Baffles in rows, C1200, H40	0.27	0.45	0.77	0.88	0.83	0.85



Reaction to fire A2-s1,d0



Light reflection White (77%) Charcoal (4%) Color-all (Colour dependent)



Cleaning - Vacuum



Hygiene Stone wool provides no sustenance to microorganisms



Safety against failure Class B According to EN13964:2014



Environment Fully recyclable stone wool The recycled content of Rockfon products is between 29% and 64% according to ISO 14021. Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint Cradle-to-Gate 3.93 kg of CO₂ eq. (based on third party verified EPD) Cradle-to-Grave 5.26 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Corrosion resistance Class B (EN13964)



Rockfon Humitec® Baffle

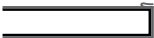
- Flexible free-hanging acoustic solutions, perfect for humid or harsh indoor atmospheres or for areas that require regular cleaning
- Built to withstand humid and corrosive Class D environments
- Comes with a robust and durable frame that protects the panel edges from damages and ensures cleanliness
- Ideal for areas where frequent or unhindered access to services is required

Product Description

- Panel: Micro-textured white painted, water repellent fleece
- Frame: White powder coated hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Healthcare
- Leisure
- Industry

Edge detail	Module size (mm)	Weight (kg/unit)	Recommended installation system
4F 	1200 x 450 x 50	3,4	Rockfon® System Humitec Baffle™
	1200 x 600 x 50	4,2	Rockfon® System Humitec Baffle™

Edge detail 4F = 4 Framed



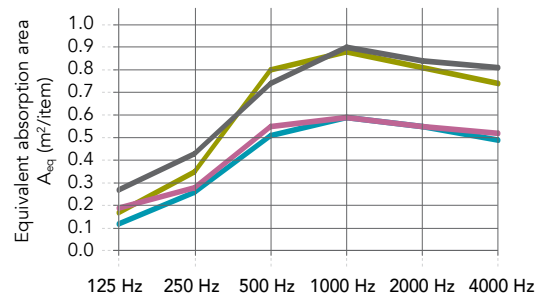
Performance



Sound absorption

A_{eq} (m²/item)

C - center distance between baffles' rows,
H - suspension height: net distance between baffle
and the soffit



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 - Baffles in rows, C300, H300	0.12	0.26	0.51	0.59	0.55	0.49
1200x600x50 (4F) - Baffles in rows, C1200, H300	0.17	0.35	0.80	0.88	0.81	0.74
1200x600x50 (4F) - Baffles in rows, C600, H40	0.19	0.28	0.55	0.59	0.55	0.52
1200x600x50 (4F) - Baffles in rows, C1200, H40	0.27	0.43	0.74	0.90	0.84	0.81



Reaction to fire

A2-s1,d0



Light reflection

85%



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Low pressure foam cleaning
- High pressure cleaning: Max. 80 bar, min. 1 meter distance, water spread at a 30° angle
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.



Safety against failure

Class D (40°C, 95% RH)

According to EN13964:2014



Corrosion resistance

Class D (EN13964)



Clean Room

ISO Class 2



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 3.93 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave 5.26 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon® Industrial™ Baffle

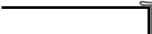
- Functional free-hanging acoustic solutions for noisy industrial environments
- Available in a natural, durable surface
- Ideal for areas where frequent or unhindered access to services is required
- Comes with a variety of quick and easy mounting options

Product Description

- Panel: Nuanced white fleece
- Frame: Hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Industry

Edge detail	Module size (mm)	Weight (kg/unit)	Recommended installation system
 2F	1200 x 450 x 50	2,6	Rockfon® System Industrial Baffle™
	1200 x 600 x 50	3,4	Rockfon® System Industrial Baffle™

Edge detail 2F = 2 Framed



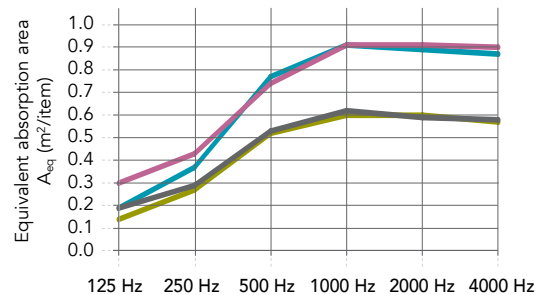
Performance



Sound absorption

A_{eq} (m²/item)

C - center distance between baffles' rows,
H - suspension height: net distance between baffle
and the soffit



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x600x50 (2F) - Baffles in rows, C1200, H300	0.19	0.37	0.77	0.91	0.89	0.87
1200x600x50 (2F) - Baffles in rows, C600, H300	0.14	0.27	0.52	0.60	0.60	0.57
1200x600x50 (2F) - Baffles in rows, C1200, H40	0.30	0.43	0.74	0.91	0.91	0.90
1200x600x50 (2F) - Baffles in rows, C600, H40	0.19	0.29	0.53	0.62	0.59	0.58



Reaction to fire

A2-s1,d0



Light reflection

64%



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Safety against failure

Class B
According to EN13964:2014



Corrosion resistance

Class B (EN13964)



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 3.93 kg of CO₂ eq. (based on third party verified EPD)
Cradle-to-Grave 5.26 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Rockfon Eclipse® wall panel

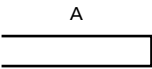







- Aesthetic, frameless acoustic wall panel suitable for offices, reception areas etc. where extra absorption combined with nice design is needed
- A smooth, deep-matt, and super-white surface providing high light reflection, light diffusion and anti-static properties, extending product lifetime
- Available in a variety of shaped formats with a clean minimalistic A-edge and an unlimited custom colour range using NCS
- Quick and easy to install with the special wall fixing kit. The fixing kit allows for the absorber to be installed in different distances from the wall creating interesting patterns

Product Description

- Stone wool panel
- Visible side: smooth, deep matt, super-white painted fleece
- Rear side: white backing fleece
- Durable painted edges

Application Areas

- Office
- Leisure
- Retail

Edge detail	Shapes	Module size (mm)	Weight (kg/unit)	MS / MS easy access (mm)	Recommended installation system
	Square 	1160 x 1160 x 40	9	55 / 105	Rockfon® System Eclipse Wall™
	Rectangle 	1760 x 1160 x 40	13	55 / 105	Rockfon® System Eclipse Wall™
		2360 x 1160 x 40	17	55 / 105	Rockfon® System Eclipse Wall™
	Circle 	800 x 800 x 40	3	55 / 105	Rockfon® System Eclipse Wall™
	Triangle 	1160 x 1160 x 40	7	55 / 105	Rockfon® System Eclipse Wall™
			4	55 / 105	Rockfon® System Eclipse Wall™
			6	55 / 105	Rockfon® System Eclipse Wall™
Hexagon 	1760 x 1160 x 40	10	55 / 105	Rockfon® System Eclipse Wall™	
Oval 		9	55 / 105	Rockfon® System Eclipse Wall™	
Free-form 			55 / 105	Rockfon® System Eclipse Wall™	

MS = Minimum construction depth.

Rectangle 2360X1160 mm can only be mounted horizontally by its longest sides and the Triangle with a peak facing downwards.

Contact us for the fixation of free-form Rockfon Eclipse.

Free-form sizes bigger than 2400 length or 1200 width will be produced as two halves.

Contact us for special shapes, colours, sizes, lead times and minimum quantities.



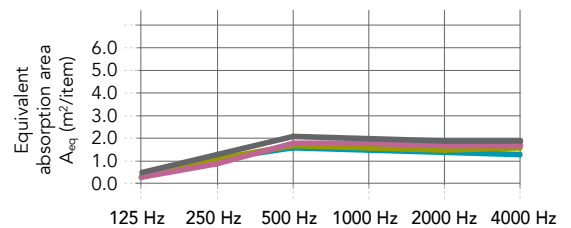
Performance



Sound absorption

A_{eq} (m²/item)

Further acoustic data available;
contact your local Rockfon
technical support



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Circle 1160mm, Direct Fixing Bracket (15 mm)	0.3	1.1	1.6	1.5	1.4	1.3
Circle 1160mm, Stepped Fixing Bracket (65 mm)	0.3	1.1	1.7	1.6	1.5	1.6
Square 1160x1160mm, Direct Fixing Bracket (15 mm)	0.3	0.9	1.8	1.8	1.7	1.7
Square 1160x1160mm, Stepped Fixing Bracket (65 mm)	0.5	1.3	2.1	2.0	1.9	1.9



Reaction to fire

A1

Rockfon Eclipse Rectangle 2360: A2-s1,d0



Light reflection and light diffusion

87% light reflection (rear side: 79%)
>99% light diffusion



Humidity and sag resistance

Up to 90% RH

Rockfon Eclipse is not suitable for use in swimming pools or outdoors.

For more information, please contact Rockfon.



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Environment

Fully recyclable stone wool

The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.

Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

Cradle-to-Gate 6.13 kg of CO₂ eq. (based on third party verified EPD)

Cradle-to-Grave 8.30 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment

A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



Rockfon® Samson™ wall panel



- Highly impact-resistant white or grey woven surface, ideal for high activity areas such as schools and sports facilities
- Good sound absorption for noisy and reverberant areas
- For use in areas where there is a high risk of occasional impact

Product Description

- Stone wool panel
- Visible side: durable woven surface
- Rear side: back fleece
- Painted edges

Application Areas

- Retail
- Education
- Healthcare
- Industry
- Office
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	1200 x 600 x 40	4,1	43 / 43	Rockfon® System VertiQ® T24 A Wall
	1800 x 600 x 40	4,1	43 / 43	Rockfon® System VertiQ® T24 A Wall
	2400 x 600 x 40	4,1	43 / 43	Rockfon® System VertiQ® T24 A Wall
	1200 x 1200 x 40	4,1	43 / 43	Rockfon® System VertiQ® T24 A Wall
 A HAT	1200 x 600 x 40	4,1	43 / Not demountable	Rockfon® System VertiQ® HAT A Wall
	1800 x 600 x 40	4,1	43 / Not demountable	Rockfon® System VertiQ® HAT A Wall
	2400 x 600 x 40	4,1	43 / Not demountable	Rockfon® System VertiQ® HAT A Wall
	1200 x 1200 x 40	4,1	43 / Not demountable	Rockfon® System VertiQ® HAT A Wall

MS = Minimum suspension

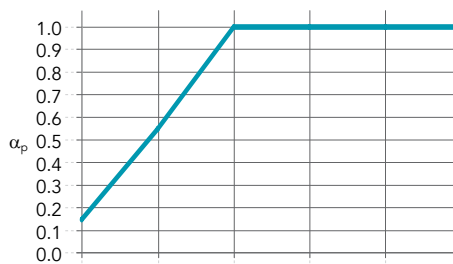
MS easy access = Minimum suspension - tiles demountable



Performance



Sound absorption
 α_w : 0,85 (Class B)



Thickness (mm) /
 Suspension (incl. tile - mm)

Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
40 / 40	0.15	0.55	1.00	1.00	1.00	1.00	0.85	B	0.90



Reaction to fire
 A1



Light reflection
 72%



Humidity and sag resistance
 Up to 100% RH



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 4.02 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 5.38 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Impact resistance
 Directly mounted, Rockfon Samson Wall is not recommended for use in areas which are subjected to continuous high levels of impact.
 The woven surface of Rockfon Samson provides enhanced resistance to perforation, tested in accordance with NF P 08-301.



Rockfon® VertiQ®




- Attractive and impact resistant, highly sound-absorbent acoustic wall panels (Class A) suitable for class rooms, sports activity areas and offices
- Panels can be installed full height, either horizontally or vertically with no limits to wall dimensions, providing numerous design possibilities
- Available in four colours - white, light grey, grey and black

Product Description

- Stone wool panel
- Visible side: durable fine woven surface
- Rear side: back fleece
- Painted edges

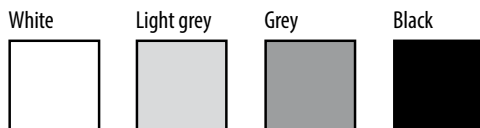
Application Areas

- Education
- Healthcare
- Industry
- Office
- Leisure

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
 A24	1200 x 1200 x 40	5,2	43 / 43	Rockfon® System VertiQ® T24 A Wall
	2700 x 1200 x 40	5,2	43 / 43	Rockfon® System VertiQ® T24 A Wall
 A HAT	1200 x 1200 x 40	5,2	43 / 43	Rockfon® System VertiQ® HAT A Wall
	2700 x 1200 x 40	5,2	43 / 43	Rockfon® System VertiQ® HAT A Wall
 C	2400 x 600 x 40	6,4	43 / 43	Rockfon® System VertiQ® C Wall™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

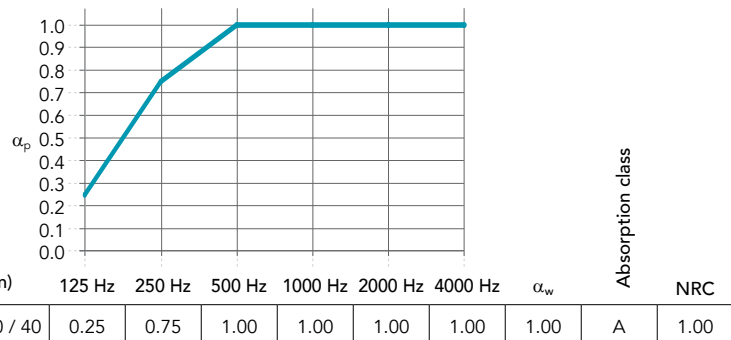




Performance



Sound absorption
 α_w : 1.00 (Class A)



Reaction to fire
 A2-s1,d0



Light reflection
 White 72%
 Lightgrey 61%
 Grey 33%
 Black 5%



Humidity and sag resistance
 Up to 100% RH
 VertiQ C in Rockfon System VertiQ C Wall can be used in swimming pools provided it is not exposed to condensation, splashing water or water droplets. For more information, please contact Rockfon



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 Cradle-to-Gate 5.07 - 6.13 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 6.84 - 8.3 kg of CO₂ eq. (based on third party verified EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Impact resistance
 Rockfon VertiQ C mounted in Rockfon System VertiQ C Wall has been tested for impact resistance in accordance with DIN 18032 part 3 and fulfils the demands for handball ball throwing (restrictedly safe against ball throwing).
 Rockfon VertiQ A mounted in Rockfon System VertiQ HAT A Wall has been tested for impact resistance in accordance with DIN 18032 part 3 and fulfils the demands for handball ball throwing (restrictedly safe against ball throwing).
 Rockfon System VertiQ HAT A Wall gives additional protection of Rockfon VertiQ A panels by HAT steel profile and can be used in areas subjected to occasional impact.
 The impact resistance of Rockfon System VertiQ HAT A Wall and Rockfon System VertiQ C Wall is high, however, it is not recommended for use in areas which are subjected to continuous high levels of impact. The woven surface of Rockfon VertiQ panels provides enhanced resistance to perforation, tested in accordance with NF P 08-301.



Rockfon® Canva™ Floor Screen

- Rockfon Canva Floor Screens are a flexible approach to improve acoustics in spaces with zones and shielded areas while still allowing for focus and creativity
- Size and print can be customised to suit the user's mood, room purpose, or brand preference
- Detachable, washable and replaceable canvas
- Choose from our 34 inspirational Colours of Wellbeing range or design your own graphic layout for that personal touch
- Panels arrive fully assembled, so installation is fast and easy by securing the feet to the panel frame
- Rockfon Canva is a design cooperation with Danish acoustic design company Akuart

Product Description

- Absorber: 40 mm stone wool absorber
- Frame: 61 mm powder coated matt aluminium frame
- Surface: printed textile
- Three steel base options: flat, elevated and with wheels

Application Areas

- Office
- Education
- Leisure
- Healthcare

Module size (Width x Height x Depth) (mm)	Weight (kg/unit)
1000 x 1300 x 61	10
1200 x 1800 x 61	15
1700 x 1300 x 61	17

Frame depths is always 61mm. Possibility to customize panel sizes on demand.

Minimum size (W x H): 800 x 1000

Maximum size: (W x H): 2400 x 2000

Steel base options

Flat, elevated and wheel steel bases are available in two colours matching the frame.

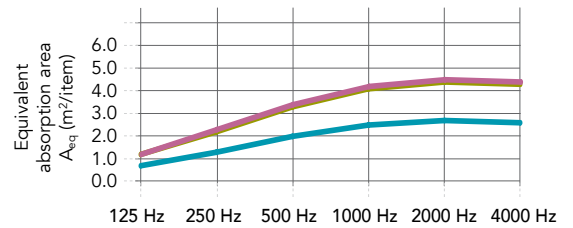




Performance



Sound absorption
 A_{eq} (m²/item)



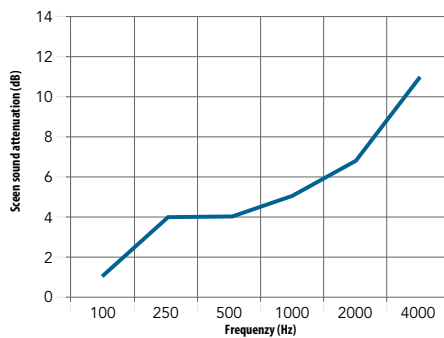
Screen sound attenuation
 Screen sound attenuation measure the reduction in sound (sound pressure level) between a source and listener with a screen in-between. The screen sound attenuation (reduction) is expressed in decibel dB(A).

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1,30 m ² (1,00 x 1,30 m) (calculated value)	0.70	1.30	2.00	2.50	2.65	2.60
2,16 m ² (1,20 x 1,80 m) (measured value)	1.15	2.20	3.30	4.10	4.35	4.30
2,21 m ² (1,70 x 1,30 m) (calculated value)	1.20	2.25	3.35	4.20	4.50	4.40

Total size of test object:
 3,40 x 1,30m

Frequency (Hz)	Screen sound attenuation (dB)
125	1
250	4
500	4
1000	5
2000	7
4000	11

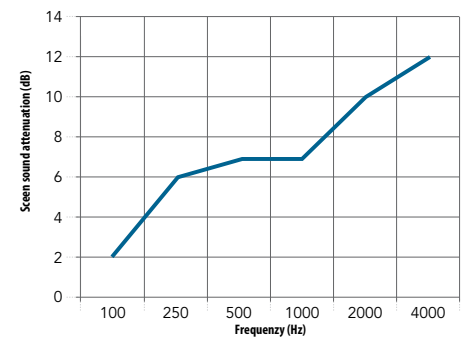
ΔL_s	5
$\Delta L_{s,w}$	4



Total size of test object:
 4,80 x 1,80m

Frequency (Hz)	Screen sound attenuation (dB)
125	2
250	6
500	7
1000	7
2000	10
4000	12

ΔL_s	7
$\Delta L_{s,w}$	7



Reaction to fire
 B-s1,d0
 Based on EN 13501-1



Environment
 Fully recyclable stone wool



Cleaning

- Frame: Vacuum, damp cloth, and low pressure foam cleaning
- Canvas: Vacuum, damp cloth, and washing in normal machine wash cycle up to 70 degrees



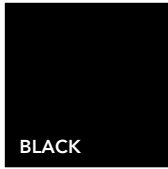
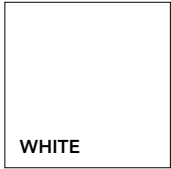
Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



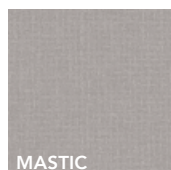
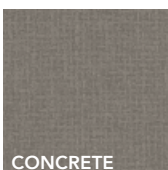
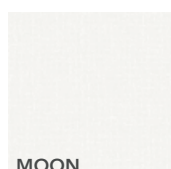
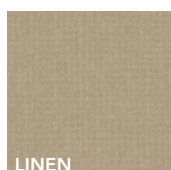
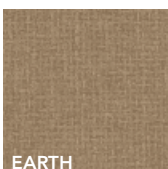
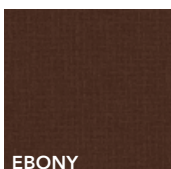
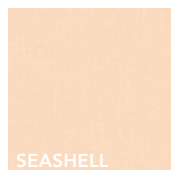
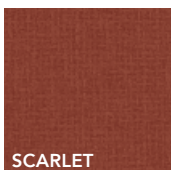
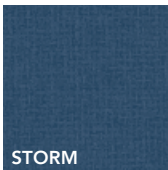
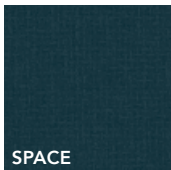
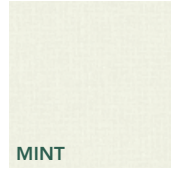
Hygiene
 Stone wool provides no sustenance to microorganisms



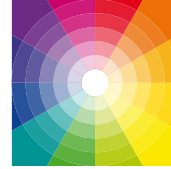
Frame colours



Canvas colours



Custom graphic options



Contact your local Rockfon partner to get your choice of image, artwork, graphic design or other visual layout on the canvas surface in high resolution quality print.

All standard colours are printed on the textile with a texture weave pattern. The Canva surface colours are close textile colour matches to the Rockfon Color-All products. Colours may vary slightly between different production batches. Reproduction of colours may vary between print and reality. Please note that black frames combined with light coloured canvas can create a shadow effect close to the Canva. Surface textile in 'Mercury' colour does not have a metallic appearance.

Wall panel: The Rockfon Canva textile has a "visual direction". This means that the colours might differ depending on whether the element is hung in vertical or horizontal orientation.



Rockfon® Canva™ Hanging Divider

- The Rockfon Canva Hanging Divider is a versatile zoning solution that is perfect for open plenum spaces where both acoustics and aesthetics need to be perfect
- Size and print can be customised to suit the user's mood, room purpose, or brand preference
- Detachable, washable and replaceable canvas
- Choose from our 34 inspirational Colours of Wellbeing range or design your own graphic layout for that personal touch
- Panels arrive fully assembled, so installation is fast and easy
- Rockfon Canva is a design cooperation with Danish acoustic design company Akuart

Product Description

- Absorber: 40 mm stone wool absorber
- Frame: 61 mm powder coated matt aluminum frame
- Surface: printed textile

Application Areas

- Education
- Healthcare
- Leisure
- Office
- Retail

Module size (Width x Height x Depth) (mm)	Weight (kg/unit)
600 x 1800 x 61	9
900 x 1800 x 61	12
1200 x 1800 x 61	15

Frame depth is always 61 mm. Possibility to customize panel sizes on demand.

Minimum size (W x H): 600 x 600 mm

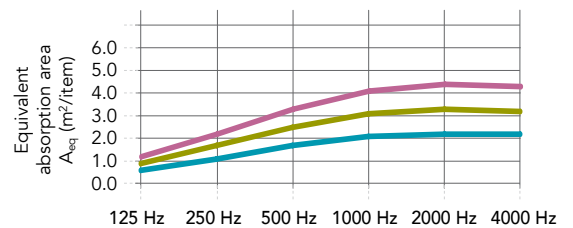
Maximum size: (W x H): 2400 x 2000 mm



Performance



Sound absorption
 A_{eq} (m²/item)



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1,08 m ² (600 x 1800 mm)	0.55	1.10	1.65	2.05	2.20	2.15
1,62 m ² (900 x 1800 mm)	0.85	1.65	2.45	3.10	3.30	3.20
2,16 m ² (1200 x 1800 mm)	1.15	2.20	3.30	4.10	4.35	4.30



Reaction to fire
 B-s1,d0
 Based on EN 13501-1



Environment
 Fully recyclable stone wool



Cleaning

- Frame: Vacuum, damp cloth, and low pressure foam cleaning
- Canvas: Vacuum, damp cloth, and washing in normal machine wash cycle up to 70 degrees



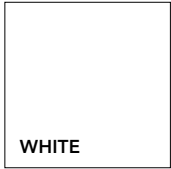
Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



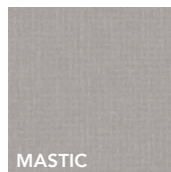
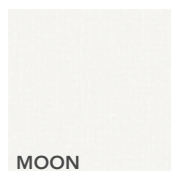
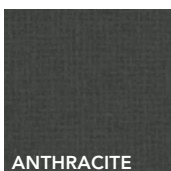
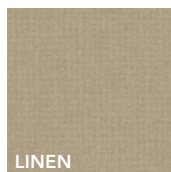
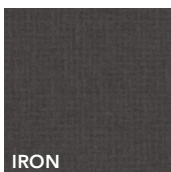
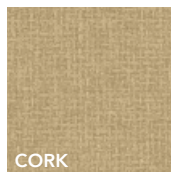
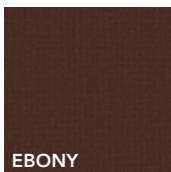
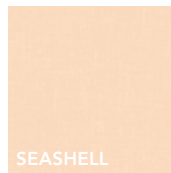
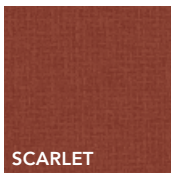
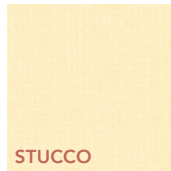
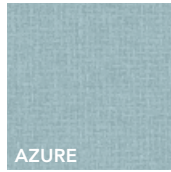
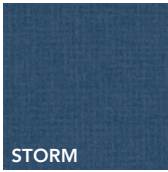
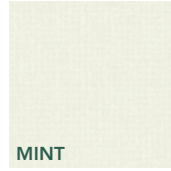
Hygiene
 Stone wool provides no sustenance to microorganisms



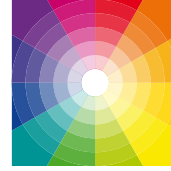
Frame colours



Canvas colours



Custom graphic options



Contact your local Rockfon partner to get your choice of image, artwork, graphic design or other visual layout on the canvas surface in high resolution quality print.

All standard colours are printed on the textile with a texture weave pattern. The Canva surface colours are close textile colour matches to the Rockfon Color-All products. Colours may vary slightly between different production batches. Reproduction of colours may vary between print and reality. Please note that black frames combined with light coloured canvas can create a shadow effect close to the Canva. Surface textile in 'Mercury' colour does not have a metallic appearance.

Wall panel: The Rockfon Canva textile has a "visual direction". This means that the colours might differ depending on whether the element is hung in vertical or horizontal orientation.



Rockfon® Canva™ Wall Panel

- Rockfon Canva Wall Panel is a versatile solution for improving acoustics in a variety of environments
- Size and print can be customised to suit the user's mood, room purpose, or brand preference
- Detachable, washable and replaceable canvas
- Choose from our 34 inspirational Colours of Wellbeing range or design your own graphic layout for that personal touch
- Panels arrive fully assembled, so installation is fast and easy
- High performing product with a long performance life
- Rockfon Canva is a design cooperation with Danish acoustic design company Akuart

Product Description

- Absorber: 40 mm stone wool absorber
- Frame: 61 mm powder coated matt aluminum frame
- Surface: printed textile

Application Areas

- Education
- Healthcare
- Leisure
- Office
- Retail

Module size (Width x Height x Depth) (mm)	Weight (kg/unit)
600 x 900 x 61	5,0
1200 x 900 x 61	8,5
1800 x 1200 x 61	14,5
2400 x 1200 x 61	18,5
3000 x 1200 x 61	22,5
900 x 1800 x 61	12,0
2400 x 1800 x 61	25,0

Frame depth is always 61 mm. Possibility to customize panel sizes on demand.

Minimum size (W x H): 600 x 600 mm

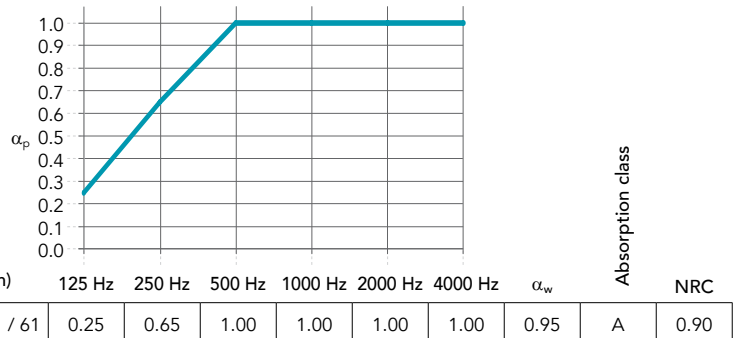
Maximum size: (W x H): 4000 x 1800 mm



Performance



Sound absorption
 α_w : 0,95 (Class A)



Reaction to fire
 B-s1,d0
 Based on EN 13501-1



Environment
 Fully recyclable stone wool



Cleaning

- Frame: Vacuum, damp cloth, and low pressure foam cleaning
- Canvas: Vacuum, damp cloth, and washing in normal machine wash cycle up to 70 degrees



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



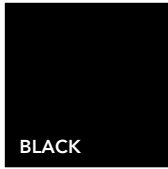
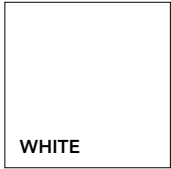
Hygiene
 Stone wool provides no sustenance to microorganisms



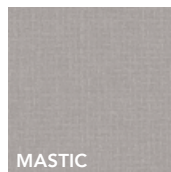
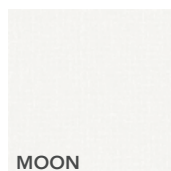
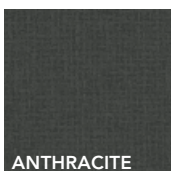
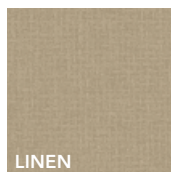
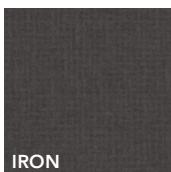
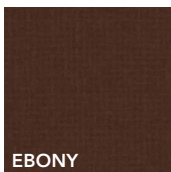
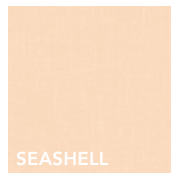
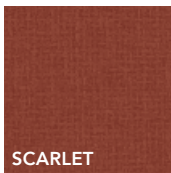
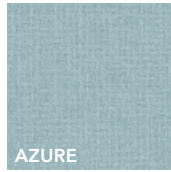
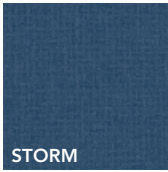
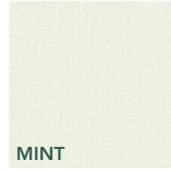
Impact resistance
 Rockfon Canva Wall Panel has been tested for impact resistance in accordance with EN 13964-Annex D and fulfills the Impact Resistance requirements for class 2A



Frame colours



Canvas colours



Custom graphic options



Contact your local Rockfon partner to get your choice of image, artwork, graphic design or other visual layout on the canvas surface in high resolution quality print.

All standard colours are printed on the textile with a texture weave pattern. The Canva surface colours are close textile colour matches to the Rockfon Color-All products. Colours may vary slightly between different production batches. Reproduction of colours may vary between print and reality. Please note that black frames combined with light coloured canvas can create a shadow effect close to the Canva. Surface textile in 'Mercury' colour does not have a metallic appearance.

Wall panel: The Rockfon Canva textile has a "visual direction". This means that the colours might differ depending on whether the element is hung in vertical or horizontal orientation.



Rockfon® Lamella™

- Patented modular platform provides over 650,000 different design possibilities in just one system
- Complimentary wood veneers can be combined to create attractive aesthetical expressions
- Contrasting lamella widths and profile heights let you experiment with diverse relief patterns and interspacing ideas
- Reduction of wall-based reverberation reduces occupant stress levels, improving concentration & performance
- Use of natural materials & colours reconnects building occupants with the outside world

Application Areas

- Office
- Leisure
- Education
- Retail

Product Description

Rockfon Lamella unit dimension: 2418mm x 2474mm (W x L)

















Rockfon Lamella Slats are available in three wood veneer finishes:

1. Light Oak
2. Oak
3. Smoked Oak

Rockfon Lamella Slats are available in three dimensions:

- 34mm wide x 30mm high
- 39mm wide x 21mm high
- 44mm wide x 12mm high

- Rockfon Lamella Slats are available in 2474mm length (only).
- 40mm thick stone wool panels in charcoal black (NCS S 8500-N) provide superior sound absorption.
- System is straight-forward to install, thanks to the patented modular platform and clip-based attachment system.
- The complete system is pre-certified for all relevant performance declarations.

Product group	Product image	Component description	Length x Width x Height (mm)	Pcs per pack	Kg per pack
LAM MID		Rockfon Lamella Horizontal Profile - Middle	2400 x 45 x 51,8	3	4,22
LAM TB		Rockfon Lamella Horizontal Profile - Top/Bottom	2400 x 45 x 51,6	2	2,92
LAM END		Rockfon Lamella Vertical End Profile - Left/Right	2474 x 44,7 x 9	2	1,12
LAM CON		Rockfon Lamella Vertical End Profile - End Connector Bracket	59.6 x 25 x 24,6	10	0,4
LAM BS		Rockfon Lamella Horizontal Profile - Bottom Spacer	35 x 30 x 15,3	10	0,1
LAM CON		Rockfon Lamella Mounting Clip	29.9 x 20,5 x 13,3	200	1,03
		Rockfon Lamella Sound Absorbing Panel Charcoal	600 x 600 x 40	8	18,6
LAM 44		Rockfon Lamella Slat Light Oak 2474 44 12	2474 x 44 x 12	10	6
		Rockfon Lamella Slat Oak 2474 44 12		10	6
		Rockfon Lamella Slat Smoked Oak 2474 44 12		10	6
LAM 39		Rockfon Lamella Slat Light Oak 2474 39 21	2474 x 39 x 21	10	11,2
		Rockfon Lamella Slat Oak 2474 39 21		10	11,2
		Rockfon Lamella Slat Smoked Oak 2474 39 21		10	11,2
LAM 34		Rockfon Lamella Slat Light Oak 2474 34 30	2474 x 34 x 30	10	13,8
		Rockfon Lamella Slat Oak 2474 34 30		10	13,8
		Rockfon Lamella Slat Smoked Oak 2474 34 30		10	13,8
LAM GR		Rockfon Lamella Guiding Ruler	458 x 40 x 40	1	0,34
LAM CON		Rockfon Lamella Horizontal Profile - Middle Connector Bracket	66 x 24,95 x 2	10	0,4

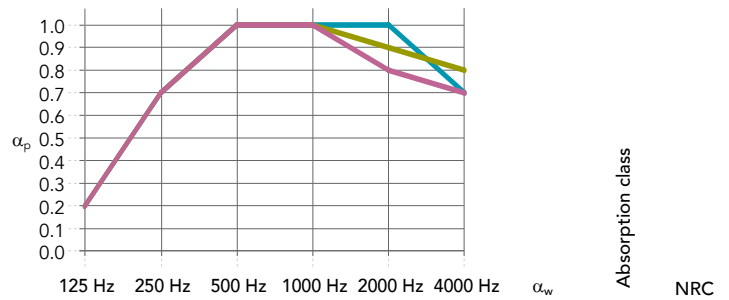


Performance



Sound absorption

α_w : up to 0,90 (Class A)
(Complete system tested)



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Rockfon Lamella 34x30 mm + absorbant 40 mm	0.20	0.70	1.00	1.00	1.00	0.70	0.90	A	-
Rockfon Lamella 39x21 mm + absorbant 40 mm	0.20	0.70	1.00	1.00	0.90	0.80	0.90	A	-
Rockfon Lamella 44x12 mm + absorbant 40 mm	0.20	0.70	1.00	1.00	0.80	0.70	0.85	B	-



Reaction to fire

C-s2,d0
(Complete system tested)



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



Environment

Fully recyclable stone wool
The recycled content of Rockfon tiles is between 29% and 64% according to ISO 14021.
Rockfon tiles are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Indoor environment

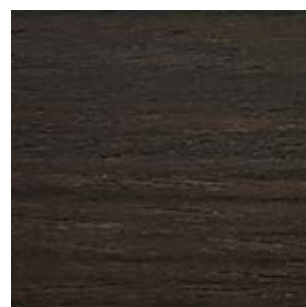
A selection of Rockfon tiles have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



Light Oak



Oak



Smoked Oak

Rockfon® Hub™

- The platform brings multipurpose flexibility to your interiors by creating breakout spaces where people can think, work or talk in peace
- The soft island shapes can be enhanced with a felt frame cover, mood lighting and curtains to create calm or cosy areas where people can work productively without disturbance
- Rockfon® Hub™ is delivered as a complete kit contributing to easy and hassle-free installation

Product Description

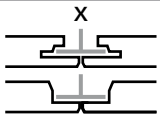

















Rockfon® Hub™ is available in 4 dimensions:

- 3000 x 4800mm (small)
- 3600 x 4200mm (medium)
- 4800 x 4800mm (large)
- 4800 x 7200mm (extra large)

- Black anodized frame in an organic shape.
- Felt in three different colors: light grey, dark grey, white.
- Pre-selected concealed tiles: white with Rockfon Blanka® or colours with Rockfon Color-all®.

Application Areas

- Office
- Leisure
- Education
- Retail

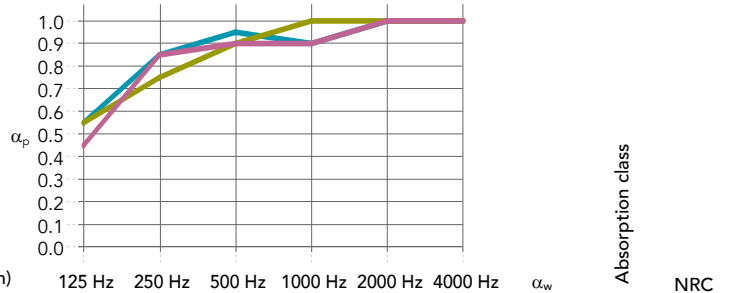
Product group	Product image	Component description	Length x Width x Height (mm)	Pcs per pack	Kg per pack
		Rockfon Blanka®	600 x 600 x 22	10	13,3
		Rockfon Color-all®		10	13,3
HUB FRS		Frame Profile Straight	1800 x 35 x 110	2	8,2
			2400 x 35 x 110	2	11
			3000 x 35 x 110	2	13,8
			3600 x 35 x 110	2	16,5
HUB FRC		Frame Profile Corner	1066 x 35 x 110	4	9,8
HUB CAS		Carrier Profile	2976 x 40 x 40	1	6
			3576 x 40 x 40	1	7,2
			Carrier Profile Extension	1200 x 40 x 40	1
		Carrier Profile Floating End	868 x 40 x 40	1	1,8
HUB CON		Frame Profile Coupling	x x		
HUB SCREW M6		Coupling Screw			
HUB CON		Profile Connector			
		Inter Connector R			
		Intersection Clip			
HUB HHSS		M6 Hammer Head Screw			
HUB WIRE		Vertical Wire Set			
		Bracing Wire Set			
HUB GLI		Curtain Rollers			
T24 MR CL&HK		Main runner T24 Click / Hook		3600 x 24 x 38	15
T24 CT CLICK		Cross tee T24 Click	600 x 24 x 38	45	8,2
HUB FELT		Felt Cover	x x		
HUB MOLD		Cutting template		1	0,5



Performance



Sound absorption
 α_w : 0,95 (Class A)



Edge / Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
Blanka X: 22 / 200	0.55	0.85	0.95	0.90	1.00	1.00	0.95	A	0.95
Blanka X: 22 / 1000	0.55	0.75	0.90	1.00	1.00	1.00	0.95	A	0.95
Color-all X: 22 / 200	0.45	0.85	0.90	0.90	1.00	1.00	0.95	A	0.95



Reaction to fire
 A1
 (tiles and grid components)



Cleaning
 - Vacuum



Hygiene
 Stone wool provides no sustenance to microorganisms



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon tiles is between 29% and 64% according to ISO 14021.
 Rockfon tiles are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Indoor environment
 A selection of Rockfon tiles have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products

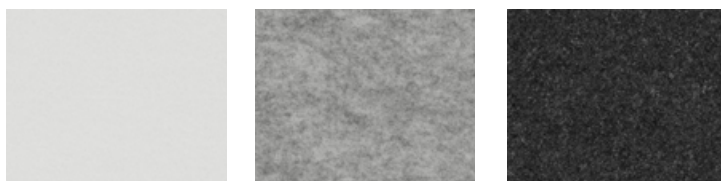


Colours



NCS codes are closest colour match. The actual colour of the islands may deviate slightly from printed colours due to the texture of the surface and the underlying colour of stone wool.

Felt Cover




White

Light grey

Dark grey

A close-up photograph of metal suspension grid components. The image shows several intersecting metal beams, likely made of galvanized steel, with a white-painted surface. The beams are joined at a central point, and the background is a blurred, textured surface, possibly concrete or a wall. The lighting is bright, highlighting the metallic sheen and the white paint.

Suspension grids



Our Chicago Metallic suspension grids are divided into eight categories, providing a wide choice of high performance solutions designed to resist corrosion and fire. Available as standard or modified with accessories to fit any need, they are the go-to choice for contractors who want to keep tiles secure and make installation simple.

Monolithic Grid

The Monolithic grid is used to screw-fasten Rockfon Mono Acoustic and other boarded ceilings. It is extremely robust, quick and easy to install, and because it is a single layer system, it is ideal for reduced plenum heights.

Standard Grids

Our standard grids are designed for strong, fast and accurate installation that can be easily demounted time and again.

Design & Colored Grids

Our design range offers a visible 'box' grid with a clear recess between the ceiling tiles, allowing for the easy integration of partition walls, track lighting and signs. Our colour grids range allows for colour matching or contrasting between grids and tiles.

Bandraster

A bandraster is an exposed grid system that allows for a more flexible design due to the way a ceiling system can be constructed in linear, square or rectangular shapes.

Wall Angles

Our wall angles provide an even finish to the ceiling installation, connecting the walls and ceilings with a smooth and aesthetic appearance.

Trims and Transitions

Use our transitions to create smooth conversions between suspended and boarded ceilings.

Long Span

A durable solution for ceilings spanning wall-to-wall or where suspension possibilities are limited.

Special Applications

We offer sustainable and innovative products designed specifically for the specialist demands of our clients.

Accessories

Our suspension grid accessories range provides the ability to fully enrich the ceiling setup, enhancing both aesthetics and the acoustic environment.

INDEX

Suspension grids

Understanding the performance
of Chicago Metallic™ grids and accessories 169

STANDARD GRIDS

Chicago Metallic™ T24 Click 2890 170
Chicago Metallic™ T15 Click 2790 172

DESIGN & COLORED GRIDS

Chicago Metallic™ Ultraline® 3500 174
Chicago Metallic™ T24 Click D2890 ECR Class D . . 176

LONG SPAN

Chicago Metallic™ T 24 Universal Longspan 8280 . 178

WALL ANGLES

Chicago Metallic™ L-profiles 180
Chicago Metallic™ L-profiles Corrosion Resistant . 181
Chicago Metallic™ L-profiles Reinforced 182
Chicago Metallic™ L-profiles Specials 183
Chicago Metallic™ J-profiles. 184
Chicago Metallic™ W-profiles. 186
Chicago Metallic™ Flexible Wall Angles. 187
Chicago Metallic™ Alu transitions 188

ACCESSORIES

Nonius hangers 190
Hold-down clips 191
Suspension clips 192
Spacer bars. 193
Stiffening profiles. 194
Double layer clips. 195
Corrosion resistant (D). 196
Various applications 197

Understanding the performance of Chicago Metallic grids and accessories



Reaction to fire

Reaction to fire is classified in accordance with EN 13501-1. Chicago Metallic steel grids and accessories are non-combustible.



Fire resistance

A range of Chicago Metallic steel grids are tested in combination with different Rockfon tiles and are classified in accordance with European norm EN 13501-2 and/or national norms.



Colours

Chicago Metallic grids are available in various colours based on the RAL and NCS systems measured in accordance with the ISO 7724-2 and ISO 7724-3 standards. The actual colours may deviate slightly from the close RAL and NCS references. Chicago Metallic grids are available in low, medium and high gloss finishings with a respectively average value of 5, 15 and 50 units. Gloss is measured according to EN 13523 part 2 under an angle of 60°.



Corrosion resistance

Chicago Metallic products produced from hot dip galvanised steel following the Sendzimir process comply with the corrosion classes of the product standard EN 13964 (A, B, C, D). The standard systems in class B are protected with 100 g/m² zinc evenly applied on both sides. The enhanced corrosion resistance (ECR) systems and accessories in class C or D have respectively a layer of 100 g/m² and 275 g/m² zinc evenly applied on both sides and are protected with an additional layer of 20 micron paint per side.



Load bearing performance

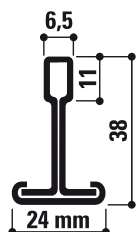
The load bearing performance (max. kg/m² load applicable to the grid system without exceeding the allowable deflection of the individual components) is tested in accordance with the EN 13964 standard. The accumulative value of the system deflection, shown on the data sheets, does not exceed the max. deflection as given in class 1 of the standard. Special project configurations deviating from the standard module sizes mentioned in the data sheets must be calculated by Rockfon technical services.

10/2023 | Subject to alterations in range and product technology without prior notice.
Rockfon accepts no responsibility for printing errors.

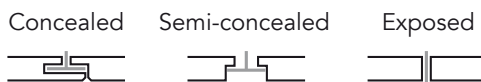
Chicago Metallic™ T24 Click 2890

- 24mm grid with universal main runner and joggled end cross tees
- 38mm high components for better load bearing and compatibility with accessories
- Used to create concealed, semi-concealed and exposed ceiling solutions
- An audible 'click' for fast and accurate installations

Cross-section



Compatible tiles



Coupling

Joggled end



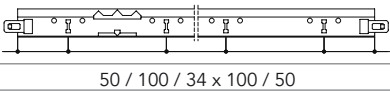
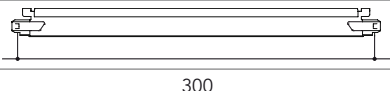
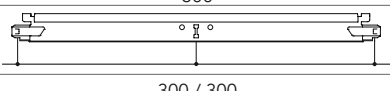
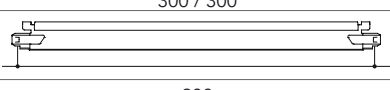
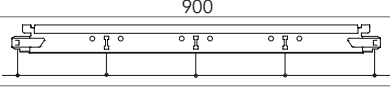
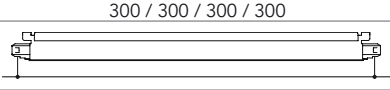
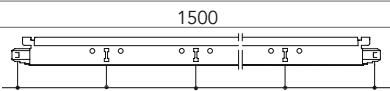
Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
Main runner										
T24 MR CL&HK		Main runner T24 Click / Hook	38	3600	Color-All, 04, 88, 11, 001, 901	15	54	19,5	70	1363
Cross tee										
T24 CT CLICK		Cross tee T24 Click	38	300	Color-All, 04, 88, 11, 001, 901	150	45	13,1	70	916
T24 CT CLICK			38	600	Color-All, 04, 88, 11, 001, 901	45	27	8,2	70	574
Cross tee										
T24 CT CLICK		Cross tee T24 Click	38	900	Color-All, 04, 88, 11, 001, 901	50	45	13,1	72	915
T24 CT CLICK			38	1200	Color-All, 001, 901, 04, 88, 11	45	54	15,7	72	1131
T24 CT CLICK			38	1500	Color-All, 04, 88, 11, 001, 901	50	75	26,4	36	952
T24 CT CLICK			38	1800	Color-All, 04, 88, 11, 001, 901	25	45	16,2	60	972
Wall angle options										
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-All, 04, 88, 11, 001, 901	30	91,5	19,9	60	1191
L24x24		L-wall angle 24x24 mm white	24	3050	001	20	61	13	60	782
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-All, 04, 88, 11, 901	20	61	13	60	782
Accessories										
FH T24 HOOK		Flat hanger clip	36,3			100		0,8		
WSF		Wall Spring FIXT				100		0,6		
DLC		DLC clip				100		3,9		
SH 50		Suspension clip (curved) for Chicago Metallic™ T-profiles + securing nail	50			100		2,5		
QH HH 200		Assembled quick hanger with 2 hooks				100		4,2	72	

Contact Rockfon® for the full range of wall angles and accessories.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 MR CL&HK	Main runner T24 Click / Hook	38	3600	36	 50 / 100 / 34 x 100 / 50
T24 CT CLICK	Cross tee T24 Click	38	300	0	 300
T24 CT CLICK		38	600	1	 300 / 300
T24 CT CLICK	Cross tee T24 Click	38	900	0	 900
T24 CT CLICK		38	1200	3	 300 / 300 / 300 / 300
T24 CT CLICK		38	1500	0	 1500
T24 CT CLICK		38	1800	5	 300 / 300 / 3 x 300 / 300

Components available in special lengths and slottings on request.

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		2.5 mm	4.0 mm
1200	600 x 600	9.9	16.5
1200	1200 x 600	10.9	17.9
1200	1800 x 600	3.3	5.7



Reaction to fire

A1



Corrosion resistance

B



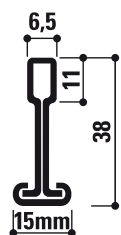
Environment

Fully Recyclable

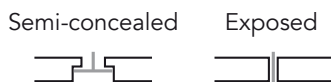
Chicago Metallic™ T15 Click 2790

- 15mm grid with universal main runner and joggled end cross tees with an audible 'click' for fast and accurate installations
- 38mm high components for better load bearing and compatibility with accessories
- A strong and stable grid which can be easily demounted time and again
- Used for creating more discreet grid lines in the ceiling finish

Cross-section



Compatible tiles



Coupling

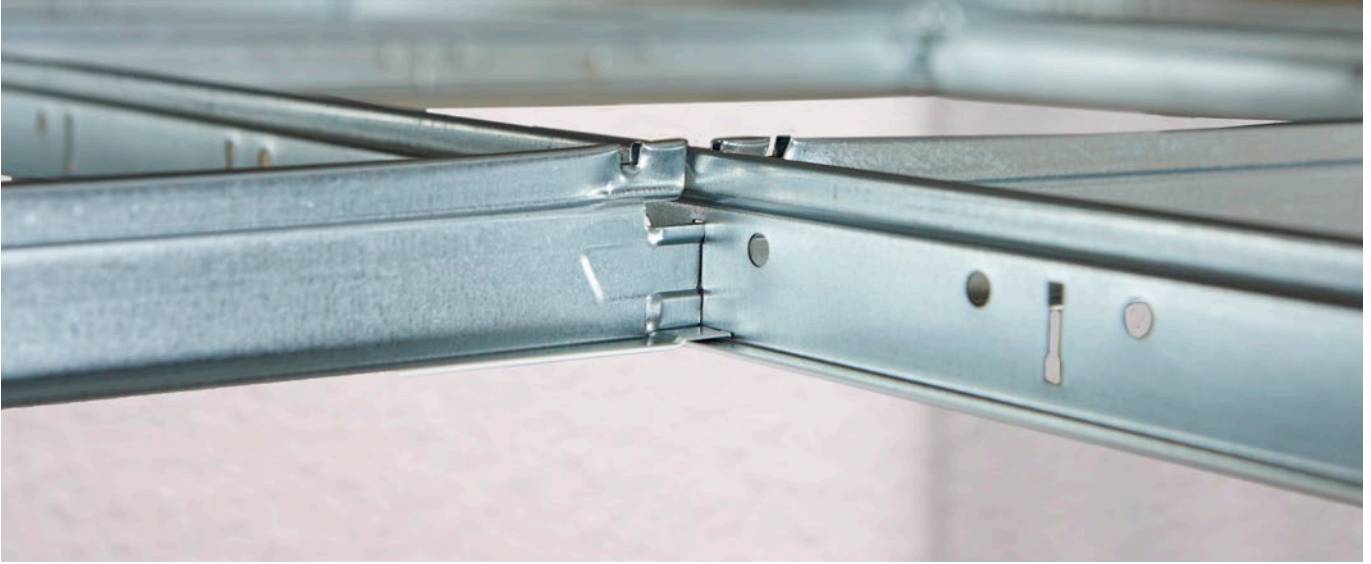
Joggled end



Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
Main runner										
T15 MR CL&HK		Main runner T15 Click / Hook	38	3600	Color-All, 04, 88, 11, 001, 901	15	54	17,1	50	856
Cross tee										
T15 CT CLICK		Cross tee T15 Click	38	600	Color-All, 04, 88, 11, 001, 901	45	27	7,1	70	498
T15 CT CLICK			38	1200	Color-All, 04, 88, 11, 001, 901	45	54	13,7	72	989
Wall angle options										
L24x24		L-wall angle 24x24 mm white	24	3050	001	20	61	13	60	782
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-All, 04, 88, 11, 901	20	61	13	60	782
W8x12		W-profile 15x12x8x15 mm	15	3050	Color-All, 04, 88, 11, 001, 901	30	91,5	17,9	60	1075
W10x15 ALU		Alu Shadow angle		4000		25	100	13,8		
Accessories										
HDC 4		Steel hold down clip for tile thickness 15-20 mm (A edge)				100		0,3		
WSF		Wall Spring FIXT				100		0,6		
SH 50		Suspension clip (curved) for Chicago Metallic™ T-profiles + securing nail	50			100		2,5		
QH HH 200		Assembled quick hanger with 2 hooks				100		4,2	72	

Contact Rockfon® for the full range of wall angles and accessories.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T15 MR CL&HK	Main runner T15 Click / Hook	38	3600	36	 50 / 100 / 34 x 100 / 50
T15 CT CLICK	Cross tee T15 Click	38	600	1	 300 / 300
T15 CT CLICK		38	1200	3	 300 / 300 / 300 / 300

Components available in special lengths and slottings on request.

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		2.5 mm	4.0 mm
1200	600 x 600	8.1	13.5
1200	1200 x 600	8.9	14.6



Reaction to fire

A1



Corrosion resistance

B



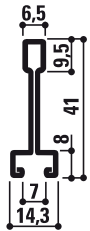
Environment

Fully Recyclable

Chicago Metallic™ Ultraline® 3500

- Grid with an aesthetic shape and central groove creating a designer ceiling finish
- Grid with a bayonet main runner coupling and 'click' cross tee couplings
- Fully 41 mm high for the compatibility with accessories
- Colour match combinations for special ceiling effects

Cross-section

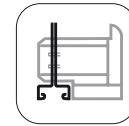


Compatible tiles



Coupling

Butt-cut end



Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
Main runner										
UL MR		Ultraline® main runner white	41	3600	8WW	20	72	28,9	50	1446
Cross tee										
UL CT		Ultraline® cross tee white	41	600	8WW	70	42	16,4	72	1184
UL CT		Ultraline® cross tee - with 1 slot white	41	1200	8WW	40	48	18,7	70	1312
UL CT		Ultraline® cross tee - without slots	41	1200	8WW	40	48	18,7	70	1312
Wall angle options										
L24x24		L-wall angle 24x24 mm white	24	3050	001	20	61	13	60	782
L24x24		L-wall angle 24x24 mm colour	24	3050	Color-All, 04, 88, 11, 901	20	61	13	60	782
Accessories										
UL CAP		End cap for Ultraline® slots				100		0,5		
UL BOLT M6		Bolt M6x25 for Ultraline				100		0,7		
UL WC		Wall connector for Ultraline® + J32x15x8				100		2,1		
UL PSH		Plastic sign hanger for Ultraline®				100		0,1		
QH HH 200		Assembled quick hanger with 2 hooks				100		4,2	72	

Contact Rockfon® for the full range of wall angles and accessories.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
UL MR	Ultraline® main runner white	41	3600	6	 300 / 600 / 4 x 600 / 300
UL CT	Ultraline® cross tee white	41	600	0	 600
UL CT	Ultraline® cross tee - with 1 slot white	41	1200	1	 600 / 600
UL CT	Ultraline® cross tee - without slots	41	1200	0	 1200

Components available in special lengths and slottings on request.

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	9.8	16.3
1200	1200 x 600	10.7	17.6



Reaction to fire

A1



Corrosion resistance

C



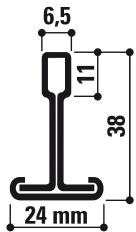
Environment

Fully Recyclable

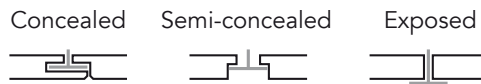
Chicago Metallic™ T24 Click D2890 ECR Class D

- 24mm grid with Enhanced Corrosion Resistant finish
- Extra galvanised raw material with double side painting in compliance with class D
- The system includes accessories and wall angles also with Class D protection
- For use in harsh, Class D environments, eg. swimming pool areas, kitchens etc.

Cross-section



Compatible tiles















Coupling

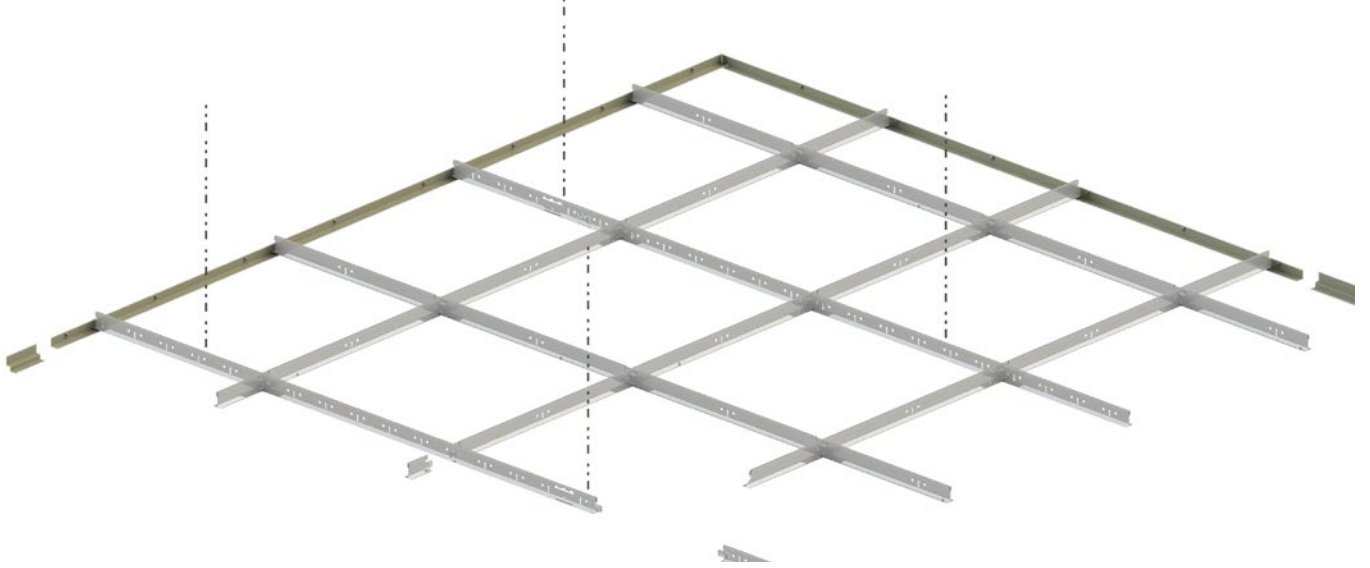
Joggled end



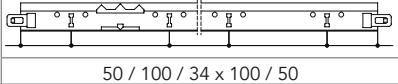
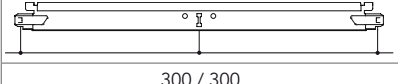
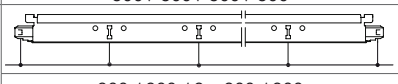
Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
Main runner										
T24 D MR CL&HK		Main runner T24 Click ECR Class D	38	3600	001	15	54	23,6	70	1649
Cross tee										
T24 D CT CLICK		Cross tee T24 Click ECR Class D	38	600	001	45	27	9,8	70	684
T24 D CT CLICK		Cross tee T24 Click ECR Class D	38	1200	001	45	54	18,9	72	1357
T24 D CT CLICK		Cross tee T24 Click ECR Class D	38	1800	001	25	45	19,6	60	1176
Wall angle options										
L24x24 D		L-wall angle 24x24 mm ECR Class D		3050	001	20	61	13,8	60	828
C37 D		C-wall angle 20x40x20 mm ECR Class D	40	3050	001	32	97,6	32,5	30	975
Accessories										
NH D 85		Upper part nonius hanger / bent / ECR class D	85			50		1,4		
NH D CLIP		Intersection clip for nonius / ECR class D				100		0,7		
NH D T		Lower part nonius hanger for T24x38 mm profiles / ECR class D	190			50		2,2		
TR D M6		Threaded rod M6 / ECR class D / L=1000 mm		1000		100		16,7		
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)				100		1,34	48	80
HDC 2		Plastic hold down clip for tile thickness 25-30 mm (A edge), 40 mm (E, D edge)				150		1,65	48	95

Contact Rockfon® for the full range of wall angles and accessories.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24 D MR CL&HK	Main runner T24 Click ECR Class D	38	3600	36	 50 / 100 / 34 x 100 / 50
T24 D CT CLICK	Cross tee T24 Click ECR Class D	38	600	1	 300 / 300
T24 D CT CLICK	Cross tee T24 Click ECR Class D	38	1200	3	 300 / 300 / 300 / 300
T24 D CT CLICK	Cross tee T24 Click ECR Class D	38	1800	5	 300 / 300 / 3 x 300 / 300

Performance



Load bearing capacity

Hanger distance (mm)	Module size (mm)	Kg/m ²	
		Maximum deflection	
		2.5 mm	4.0 mm
1200	600 x 600	9.9	16.5
1200	1200 x 600	10.9	17.9
1200	1800 x 600	3.3	5.7



Reaction to fire

A1



Corrosion resistance

D



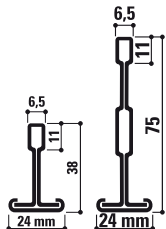
Environment

Fully Recyclable

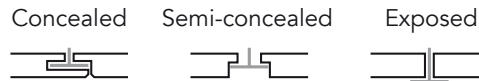
Chicago Metallic™ T24 Universal Longspan 8280

- T24 and 75 mm high universal main runner with 38 mm high hook and click cross tees
- Compatible with the Chicago Metallic T24 mm 2850 and 2890 cross tees

Cross-section



Compatible tiles



Coupling

Joggled end



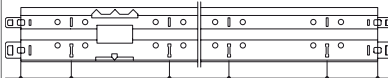
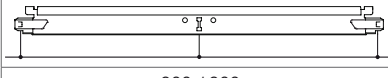
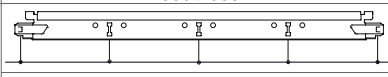
Assortment

Product group		Component description	Height (mm)	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
Main runner										
T24x75 MR CL&HK		Main runner T24 x 75 mm	75	3600	11, 001	8	28,8	21	50	1050
Cross tee										
T24 CT CLICK		Cross tee T24 Click	38	600	Color-All, 04, 88, 11, 001, 901	45	27	8,2	70	574
T24 CT CLICK			38	1200	Color-All, 001, 901, 04, 88, 11	45	54	15,7	72	1131
Wall angle options										
L24x24 HD		L-wall angle 24x24 mm reinforced	24	3050	001	35	106,75	31,2	60	1870
L20x25 ALU		Alu L wall angle	25	4000		25	100	6		
W10x15		W-profile 15x15x10x15 mm	15	3050	Color-All, 04, 88, 11, 001, 901	30	91,5	19,9	60	1191
Accessories										
WSF		Wall Spring FIXT				100		0,6		
WC I		Wall connector for primary I-runner 55, 70, 85, 100 and 120 mm	75	50		50		3,8		
QH HH 200		Assembled quick hanger with 2 hooks				100		4,2	72	
FC SMF		SMF clip	9,5	53,2		100				

Contact Rockfon® for the full range of wall angles and accessories.



Position of slots and suspension holes

Product group	Component description	Height (mm)	Length (mm)	Slots	Distance between slots (mm)
T24x75 MR CL&HK	Main runner T24 x 75 mm	75	3600	36	 50 / 100 / 34 x 100 / 50
T24 CT CLICK	Cross tee T24 Click	38	600	1	 300 / 300
T24 CT CLICK		38	1200	3	 300 / 300 / 300 / 300

Performance



Load bearing capacity

The installer must check that the admissible load per suspension point is not exceeded.

Max. span (mm) - max. deflection = L/500 (max. = 4 mm)											
Distance between main runners	Distance between cross tees	Cross tee type	Max. distance between hangers in mm								
			kg/m ² of ceiling								
			2.5	3	3.5	4	5	7	10	12	15
1200	600	T24 CT CLICK 1200	3470	3340	3230	3140	2970	2720	2420	2270	2050



Reaction to fire

A1



Corrosion resistance

B





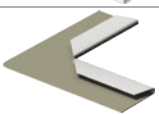
Environment

Fully Recyclable

Chicago Metallic™ L-profiles

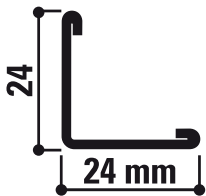
- Visible sides adapted to the variety of grid widths
- Perfect colour match with ceiling grids
- Choice of different heights for installation purposes

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
L24x24		L-wall angle 24x24 mm	3050	Color-All, 04, 88, 11, 901, 001	20	61	13	60	782
CC 24 OUT		Outside corner for wall angle flange 24 mm		11, 001	50		0,4		
CC 24 IN		Inside corner for wall angle flange 24 mm		11, 001	50		0,3		

Product description

L24x24



- 24 mm wall angle with hemmed edges.
- Profile can be used from both sides.

Body Material thickness 0,5 mm

Performance



Reaction to fire
A1



Corrosion resistance
B

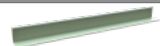



Environment
Fully Recyclable

Chicago Metallic™ L- and C-profiles Corrosion Resistant

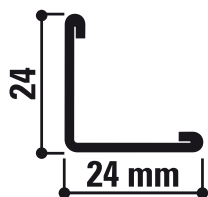
- Visible sides adapted to the variety of grid widths
- Available in corrosion class D

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
L24x24 D		L-wall angle 24x24 mm ECR Class D	3050	001	20	61	13,8	60	828
C37 D		C-wall angle 20x40x20 mm ECR Class D	3050	001	32	97,6	32,5	30	975

Product description

L24x24 D

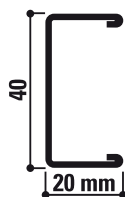


- 24 mm wall angle with hemmed edges.

Additionally protected against corrosion with a two-sided layer of 275 grams of zinc/sqm and provided with a 20µ polyester coating per side.

Body Material thickness 0,5 mm

C37 D



- Wall channel with hemmed edges and a 20 mm face.

For all tiles up to 37 mm.

Especially appropriate for metal tiles.

The channel can be used from both sides.

The top side and the hold-down clips secure the position of the tiles when faced with all kinds of impact, underpressure or air displacement in general.

Additionally protected against corrosion with a two-sided layer of 275 grams of zinc/sqm and provided with a 20µ polyester coating per side.

Body Material thickness 0,5 mm

Performance



Reaction to fire

A1



Corrosion resistance

D




Environment

Fully Recyclable

Chicago Metallic™ L-profiles Reinforced

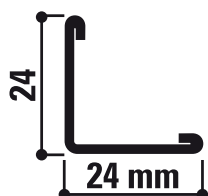
- Wall angles with load bearing properties
- Appropriate for heavy panels
- Fixation distance up to 625 mm
- Available in selected standard colours

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
L24x24 HD		L-wall angle 24x24 mm reinforced	3050	001	35	106,75	31,2	60	1870

Product description

L24x24 HD



- 24 mm reinforced wall angle with hemmed edges.
- Profile can be used from both sides.

Body Material thickness 0,7 mm

Performance



Reaction to fire

A1



Corrosion resistance

B




Environment

Fully Recyclable

Chicago Metallic™ L-profiles Specials

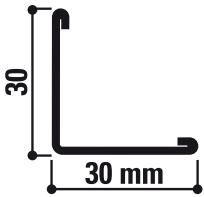
- Range of wall angles used in specific building conditions
- Wall angles with 30 mm flange for sport facilities and seismic installations
- Alu wall angle for MRI (Medical radiation imaging) application

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
L30x30		L-wall angle 30x30 mm	3050	001	25	76,25	23,3	60	1400

Product description

L30x30



- 30 mm wall angle with hemmed edges for industrial applications. Profile can be used from both sides.
- Wide 30 mm face for seismic installations.

Body Material thickness 0,6 mm

Performance



Reaction to fire

A1



Corrosion resistance

B (steel) - C (aluminium)









Environment

Fully Recyclable

Chicago Metallic™ J-profiles

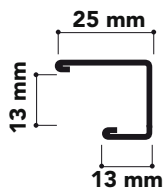
- A range of J-shaped profiles for internal wall cladding
- Various heights to fit with the tiles thicknesses
- System also suitable for horizontal applications
- Specific J-profile for E-edged tiles with T15 mm and Ultraline®
- Perfect colour match with ceiling grid systems and wall angles

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
J13		J-wall angle 25x16.8x13 mm	3050	11,001	30	91,5	22	50	1101
J20		J-wall angle 25x23.8x13 mm	3050	11,001	24	73,2	19,8	50	991
J25		J-wall angle 25x28.8x13 mm	3050	11,001	24	73,2	21,1	40	843
J38		J-wall angle 25x39.2x13 mm	3050	11,001	18	54,9	16,6	40	664
J40		J-wall angle 25x43.8x13 mm	3050	11,001	18	54,9	19,7	35	690
J50		J-wall angle 25x53.8x13 mm	3050	11,001	18	54,9	21,4	30	641

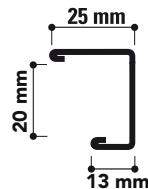
Product description

J13



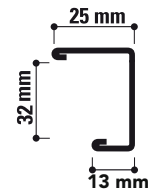
- Asymmetrical wall angle with a face of 25 and 13 mm. The internal height fits with panels of 13 mm thickness. The smaller face of 13 mm enables the demounting of the panels.
- Body Material thickness** 0,5 mm

J20



- Asymmetrical wall angle with a face of 25 and 13 mm. The internal height fits with panels of 20 mm thickness. The smaller face of 13 mm enables the demounting of the panels.
- Body Material thickness** 0,5 mm

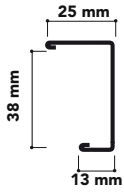
J25



- Asymmetrical wall angle with a face of 25 and 13 mm. The internal height fits with panels of 25 mm thickness. The smaller face of 13 mm enables the demounting of the panels.
- Body Material thickness** 0,5 mm

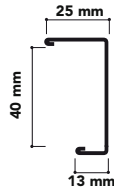
Product description

J38



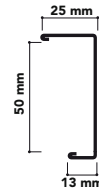
- Asymmetrical wall angle with straight edges and a face of 25 and 13 mm.
The internal height fits with profiles with 38 mm height.
The smaller face of 13 mm enables the demounting of the tiles.
Used as an end profile for 38 mm high T24 profiles with a basic level of finishing.
Body Material thickness0,5 mm

J40



- Asymmetrical wall angle with a face of 25 and 13 mm.
The internal height fits with panels of 40 mm thickness.
The smaller face of 13 mm enables the demounting of the panels.
Specific wall angle for the VertiQ system.
Body Material thickness0,5 mm

J50



- Asymmetrical wall angle with a face of 25 and 13 mm.
The internal height fits with panels of 50 mm thickness.
The smaller face of 13 mm enables the demounting of the panels.
Body Material thickness0,5 mm

Performance



Reaction to fire

A1



Corrosion resistance

B







Environment

Fully Recyclable

Chicago Metallic™ W-profiles

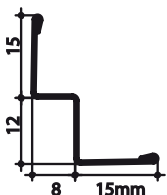
- A range of W-profiles for specific applications
- Visible flange from 15 - 20 mm to fit with different T-grids
- Designed for various Rockfon tiles (E, X, M & D-edge)
- Specific corner caps available
- Applicable also for corridors
- A 30 mm support for seismic requirements and sport facilities

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
W8x12		W-profile 15x12x8x15 mm	3050	Color-All, 04, 88, 11, 001, 901	30	91,5	17,9	60	1075
W10x15		W-profile 15x15x10x15 mm	3050	Color-All, 04, 88, 11, 001, 901	30	91,5	19,9	60	1191
CC 15 OUT		Outside flat corner for W-profile flange 15 mm		11, 001	50		0,85	1350	203
CC 15 IN		Inside flat corner for W-profile flange 15 mm		11, 001	50		0,8	1350	203

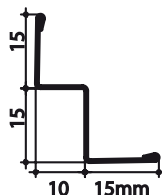
Product description

W8x12



- W-profile with a 15 mm face and a 15 mm mounting surface.
- Suitable for semi-concealed and concealed panels of 12 mm and 8 mm (E8 & D-edge).
- Marks printed inside the profile to indicate fixation distances.
- Rockfon tile labelling on the inside.
- Body Material thickness** 0,5 mm

W10x15



- W-profile with a 15 mm face and a 15 mm mounting surface.
- Suitable for semi-concealed and concealed panels of 10 mm and 15 mm (E10, X & M-edge).
- Marks printed inside the profile to indicate fixation distances.
- Rockfon tile labelling on the inside.
- Body Material thickness** 0,5 mm

Performance



Reaction to fire

A1



Corrosion resistance

B (steel) - C (aluminium)





Environment

Fully Recyclable

Chicago Metallic™ Flexible Wall Angles

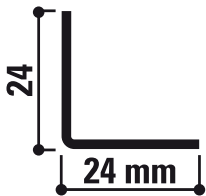
- Wall angle for concave and convex surfaces
- Fast and aesthetic finishing of irregular walls and columns
- Time saving through easy and fast fixation
- Ergonomic handling and transportation
- Easy cut-to-size on site with standard tools

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
L24x24 FLEX		Flexible wall angle 24x24 mm - white	2500		10	25	5,3	50	267
L20x25 FLEX ALU		Flexible wall angle 25 x 20 x 3000 mm	3000	916	10	30	6,9		

Product description

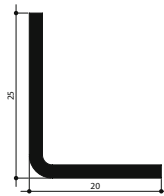
L24x24 FLEX



- Flexible 24 x 24 mm wall angle. This profile is only available in a concave version.

Body Material thickness 0,5 mm

L20x25 FLEX ALU



- Asymmetrical 20 x 25 mm flexible aluminium flexible wall angle. The 20 mm face is always used as the visible side.

The profile is suitable for convex and concave bending.

Min. radius = 2000 mm.

Body Material thickness 2 mm

Performance



Reaction to fire

E



Corrosion resistance

B








Environment

Fully Recyclable

Chicago Metallic™ Alu Transitions

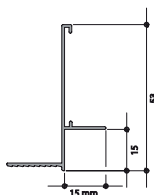
- Range of alu profiles in various shapes and dimensions
- Used to create smooth transitions from modular to screwed ceilings
- Ergonomic handling and transportation
- Easy cut-to-size on site with standard tools

Assortment

Product group		Component description	Length (mm)	Colour	Pcs per pack	Lm per pack	Kg per pack	Carton per pallet	Kg per pallet
TP ALU L15		L-shaped transition for a Rockfon® X, Z and M edge without joint	3000	001	10	30	11	40	425
TP ALU L0		L-shaped transition to a lay-in tile / without joint	3000	001	10	30	9	20	180
TP ALU 15L		L-shaped transition to a lay-in tile / 15 mm joint	3000	001	10	30	12	20	240
TP ALU L8		L-shaped transition to a tegular tile / without joint	3000	001	20	60	18	20	360
TP ALU 15C		C-shaped transition to metal ceiling / 15 mm joint	3000	001	10	30	14	20	280

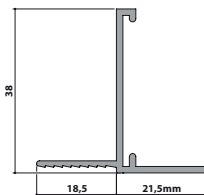
Product description

TP ALU L15



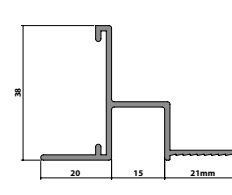
- The profile is used to make a professional transition between a drywall and Rockfon® X, Z and M edge ceiling. The design of the profile ensures a perfect flat finishing for 15 mm shadow tiles.
- Body Material thickness 1,5 mm**

TP ALU L0



- L-shaped ALU transition profile without groove. The profile is used to connect drywall boards with a ceiling composed of flat tiles.
- Body Material thickness 1,5 mm**

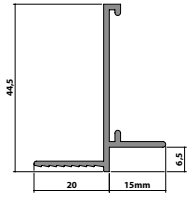
TP ALU 15L



- L-shaped ALU transition profile with a central groove of 15 mm. The profile is used to connect drywall boards with a ceiling composed of flat tiles.
- Body Material thickness 1,5 mm**

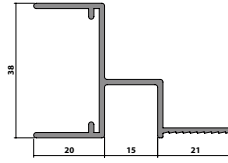
Product description

TP ALU L8



- L-shaped ALU transition profile without groove.
 - The profile is used to connect drywall boards with a ceiling with stepped tiles.
 - The design of the profile ensures a flat finishing for 8 mm deep tiles.
- Body Material thickness** 1,5 mm

TP ALU 15C



- C-shaped ALU transition profile with a central groove of 15 mm.
 - The profile is used to connect drywall boards with a metal tiles ceiling.
 - The design of the profile enables the use of hold down clips.
- Body Material thickness** 1,5 mm

Performance



Reaction to fire
A2-s1,d0



Corrosion resistance
C









Environment
Fully Recyclable

Nonius Hangers

- A wide range of hangers to enable rigid suspension solutions
- Available in different materials to meet specific building conditions
- Appropriate for a variety of standard applications
- Custom made designs for Chicago Metallic™ substructure systems

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
NH 90		Upper part nonius hanger	40 kg	85	100	2,4
NH 140			40 kg	135	100	3,3
NH 240			40 kg	235	100	5
NH 340			40 kg	340	100	7,1
NH 440		Upper part nonius hanger	40 kg	440	100	8,4
NH 540			40 kg	540	100	10,6
NH 640			40 kg	640	100	12,6
NH 740			40 kg	740	100	13,6
NH 840			40 kg	840	50	8
NH 940			40 kg	940	50	9
NH 1040			40 kg	1040	25	4,9
NH 1140			40 kg	1140	25	5,4
NH 1240			40 kg	1240	25	5,9
NH 1340			40 kg	1340	25	6,4
NH CLIP		Intersection clip for nonius	40 kg		200	1,3
NH T		Lower part nonius hanger for T profiles	40 kg		100	3,9
NH BR50		Nonius hanger for bandraaster 50 mm	40 kg	133,3	100	3,4
NH BR100		Nonius hanger for bandraaster 100 mm	40 kg	107,9	100	4,1
QH HH 200		Assembled quick hanger with 2 hooks	30 kg		100	4,2

Performance



Reaction to fire

A1



Corrosion resistance

B




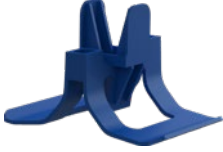





Environment

Fully Recyclable

Hold down clips & wall springs

- Specifically designed clips and springs for optimal pressure distribution and easy (de)mounting
- The plastic clips are suitable for humid environments
- A wide range for very thick tiles or specific applications, such as metal ceilings and perimeter finishes

Assortment

Product group		Component description	Pcs per pack	Kg per pack
HDC 1		Plastic hold down clip for tile thickness 15-20 mm (A edge), 15-30 mm (E edge), 20-25 mm (X, M, Z edge), 20-30 mm (D edge)	100	1,34
HDC 2		Plastic hold down clip for tile thickness 25-30 mm (A edge), 40 mm (E, D edge)	150	1,65
HDC 3		Plastic hold down clip for tile thickness 40 mm (A edge), 50 mm (D edge)	100	1,12
HDC 4		Steel hold down clip for tile thickness 15-20 mm (A edge)	100	0,3
HDC W1		Steel perimeter hold down clip - height 23 mm – combinable with C37 wall angle	250	2,1
HDC W2		Steel perimeter hold down clip – height 40 mm - combinable with C37 wall angle	500	4,03
WSF		Wall Spring FIXT	100	0,6

Performance



Reaction to fire
A1 (steel)



Corrosion resistance
B (steel) - D (plastic)



Environment
Fully Recyclable

Suspension Clips

- A variety of products suitable for a range of applications
- Direct hung for reduced plenum heights
- Specific parts to be combined with threaded rods
- Hangers for beams and vertical fixation
- Universal hangers for specific solutions

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
SH 40-80		Adjustable short hanger (80-120 mm)	20 kg		100	2,1
SH 100		Suspension clip (curved) for Chicago Metallic™ T-profiles + securing nail	35 kg	100	100	2,4
			35 kg		100	2,4
			35 kg		100	2,4
SH 50		Suspension clip (curved) for Chicago Metallic™ T-profiles + securing nail	35 kg	50	100	2,5
SH 80			35 kg	80	100	3,2
FH T24 HOOK		Flat hanger clip	14 kg	36,3	100	0,8
			14 kg		100	0,8
			14 kg		100	0,8
FH B		Angle hanger Height 57.5 mm	35 kg	57,5	100	1,5

Performance



Reaction to fire

A1



Corrosion resistance

B




Environment

Fully Recyclable

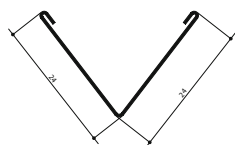
Spacer Bars

- 24 x 24 mm V-shaped profiles
- The spacer bars are used with the traditional Chicago Metallic™ BR and T profiles beads
- The modular profiles guarantee a perfect spacing
- Used as an alternative for cross tees or for providing extra stability to the grid

Assortment

Product group		Component description	Pcs per pack	Kg per pack
SBH 600/625		Spacer bar for 600/625 mm modules - painted	50	6,99

Cross-section



SBH 600/625

Performance



Reaction to fire

A1



Corrosion resistance

B




Environment

Fully Recyclable

Stiffening Profiles

- Galvanised C-sections to be placed into the groove of the tiles
- Several lengths and sizes adapted to the tiles types
- The profiles assure the flatness of the panels
- Galva protection to be used in regular building conditions
- Used in semi-concealed and concealed applications

Assortment

Product group		Component description	Pcs per pack	Kg per pack
SP C11 880		C-section 15x11x13 mm (stiffening profile for X edge tiles 900x900 mm, L = 880 mm)	80	9,9

Cross-section



SP C11 880

Performance



Reaction to fire

A1



Corrosion resistance

B




Environment

Fully Recyclable

Double Layer Clips

- Specific accessories to create a double layer connection
- DLC clips are also used for the spacing of profiles
- Designed to make a 90° angle with 2 profiles
- Appropriate to reduce suspension points and for irregular project conditions
- Used for semi-concealed and concealed ceiling and island finishing

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
DLC		DLC clip	20 kg		100	3,9

Performance



Reaction to fire

A1



Corrosion resistance

B







Environment

Fully Recyclable

Corrosion resistant (D)

- Range of accessories with extra corrosion resistant finishing in compliance with class D
- Compatible with the extra corrosion resistant Chicago Metallic™ grids
- Extra galvanised raw material with double side painting or similar protection
- Used in project requirements with class C or D exposure conditions

Assortment

Product group		Component description	Load bearing capacity	Height (mm)	Pcs per pack	Kg per pack
TR D M6		Threaded rod M6 / ECR class D / L=1000 mm			100	16,7
NH D 85		Upper part nonius hanger / bent / ECR class D	40 kg	85	50	1,4
NH D 135			40 kg	135	50	1,8
NH D 235			40 kg	235	50	2,7
NH D 340			40 kg	340	50	3,7
NH D 440			40 kg	440	50	4,4
NH D 540			40 kg	540	50	5,5
NH D 640			40 kg	640	50	6,5
NH D 740			40 kg	740	50	7,1
NH D 840			40 kg	840	50	8,2
NH D 940			40 kg	940	50	9,2
NH D 1040			40 kg	1040	25	4,9
NH D CLIP				Intersection clip for nonius / ECR class D	40 kg	
NH D T		Lower part nonius hanger for T24x38 mm profiles / ECR class D	20 kg	190	50	2,2

Performance



Reaction to fire
A2-s1,d0 (nonius)



Corrosion resistance
D

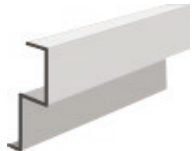







Environment
Fully Recyclable

Various applications

- Range of specific accessories for various solutions
- Used to create fast and safe ceiling finish applications

Assortment

Product group		Component description	Pcs per pack	Kg per pack
LF X 600		Light frame for X-edge ceiling 600x600 mm	1	0,67
Z STEP 19x58 LC		Length coupling for stepped Z with 19 mm flange	100	5,1
AB T		Universal hook connector	100	2,6
CONN T/T 1		Double T-coupling for profiles with a 6.5x11 mm bead	100	2,2
DCP		Drywall clamping piece	100	5,1
GCN		Grid clamp	6	0,2
FC SMF		SMF clip	100	
FCT T24 EYE M6		Sign hanger clip with eye and M6 thread (T24)	100	1,52
CONN T/T 2		T-coupling for profiles with a 6.5x11 mm bead	50	1,8

Performance



Reaction to fire

A1



Corrosion resistance

B



Environment

Fully Recyclable

Modular systems T15 – T24 – T35

1. Theoretical calculation

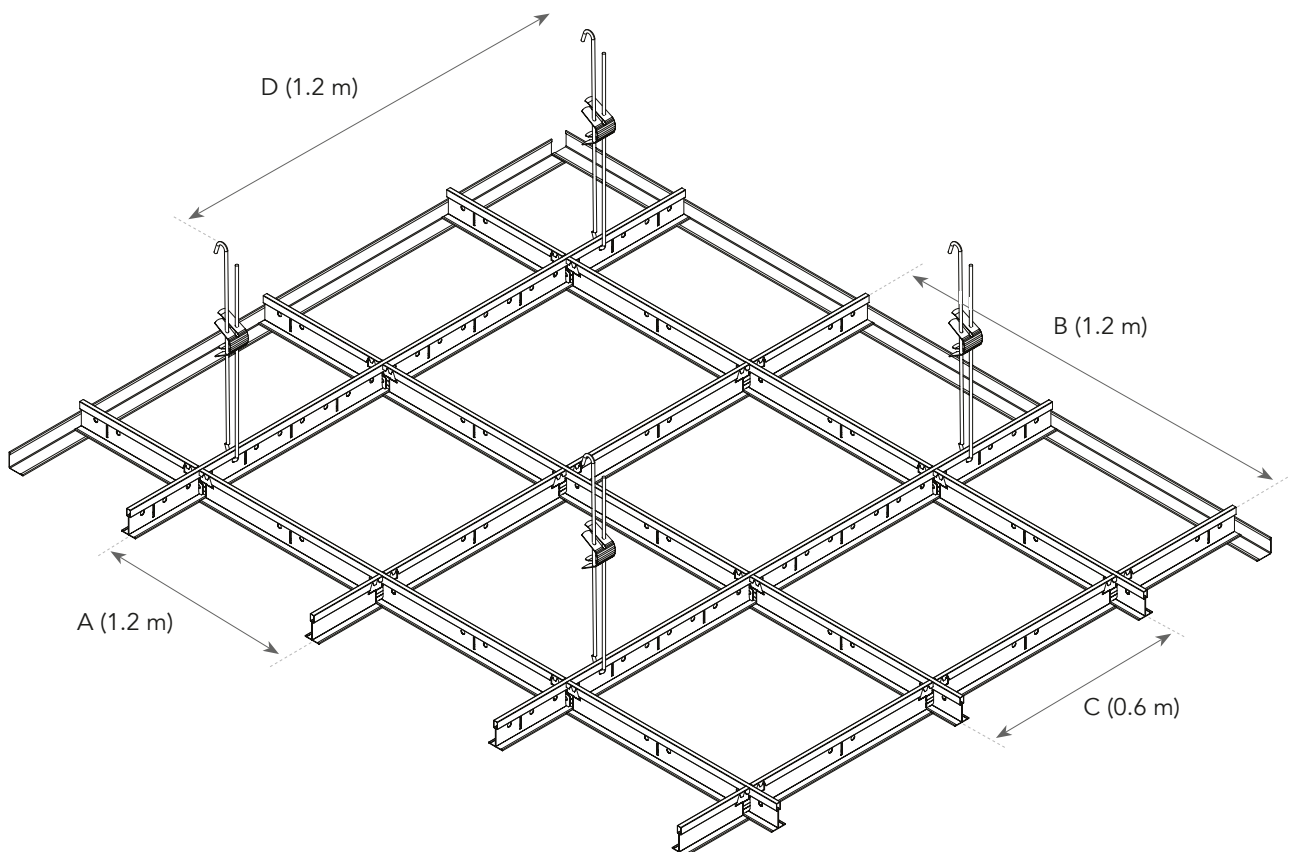
Main runners (A): Surface / axe-axe distance of main runners

600 mm cross tees (B): Surface / axe-axe distance of 600 mm cross tees

1200 mm cross tees (C): Surface / axe-axe distance of 1200 mm cross tees

Hangers (D): Lm main runner (A) / axe-axe distance of main runners

The amount of wall angles is determined by the shape and size of the project.



2. Example for a 100 sqm ceiling

Main runners (A): $100 / 1.2 = 83.333 = 84$ meters

600 mm cross tees (B): $100 / 1.2 = 83.333 = 84$ meters

1200 mm cross tees (C): $100 / 0.6 = 166.666 = 167$ meters

Hangers (D): $84 / 1.2 = 70$ pcs

3. Required materials per sqm according to the standard modulations

For a 600 x 600 mm or a 600 x 1200 mm modulation:

-	600 x 600 mm modulation		600 x 1200 mm modulation	
-	Main runner every 1200 mm	Main runner every 600 mm	Main runner every 1200 mm	Main runner every 600 mm
Main runner	0.83 m	1.67 m	0.83 m	1.67 m
Cross tee 1200 mm	1.67 m	-	1.67 m	-
Cross tee 600 mm	0.83 m	1.67 m	-	0.83 m
Hangers	0.69 pz	1.38 pz	0.69 pz	1.38 pz

For a 625 x 625 mm or a 625 x 1250 mm modulation:

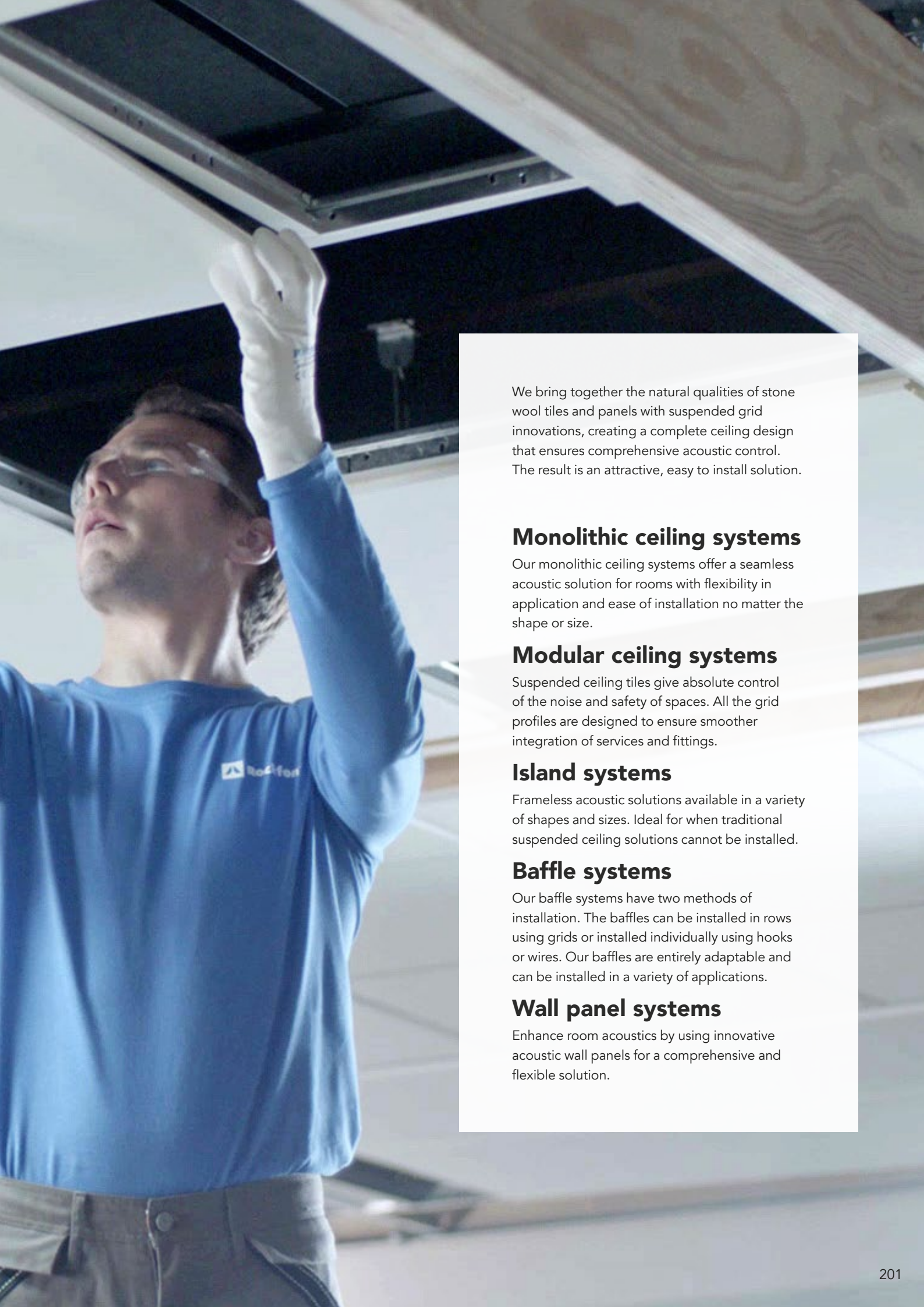
-	625 x 625 mm modulation		625 x 1250 mm modulation	
-	Main runner every 1250 mm	Main runner every 625 mm	Main runner every 1250 mm	Main runner every 650 mm
Main runner	0.80 m	1.60 m	0.80 m	1.60 m
Cross tee 1200 mm	1.60 m	-	1.67 m	-
Cross tee 600 mm	0.80 m	1.60 m	-	0.80 m
Hangers	0.64 pz	1.28 pz	0.64 pz	1.28 pz

For a 675 x 675 mm or a 675 x 1350 mm modulation:

-	675 x 675 mm modulation		675 x 1350 mm modulation	
-	Main runner every 1350 mm	Main runner every 675 mm	Main runner every 1350 mm	Main runner every 675 mm
Main runner	0.74 m	1.48 m	0.74 m	1.48 m
Cross tee 1200 mm	1.48 m	-	1.67 m	-
Cross tee 600 mm	0.74 m	1.48 m	-	0.74 m
Hangers	0.55 pz	1.10 pz	0.55pz	1.10 pz



Rockfon systems



We bring together the natural qualities of stone wool tiles and panels with suspended grid innovations, creating a complete ceiling design that ensures comprehensive acoustic control. The result is an attractive, easy to install solution.

Monolithic ceiling systems

Our monolithic ceiling systems offer a seamless acoustic solution for rooms with flexibility in application and ease of installation no matter the shape or size.

Modular ceiling systems

Suspended ceiling tiles give absolute control of the noise and safety of spaces. All the grid profiles are designed to ensure smoother integration of services and fittings.

Island systems

Frameless acoustic solutions available in a variety of shapes and sizes. Ideal for when traditional suspended ceiling solutions cannot be installed.

Baffle systems

Our baffle systems have two methods of installation. The baffles can be installed in rows using grids or installed individually using hooks or wires. Our baffles are entirely adaptable and can be installed in a variety of applications.

Wall panel systems

Enhance room acoustics by using innovative acoustic wall panels for a comprehensive and flexible solution.

INDEX

Rockfon systems

MODULAR CEILING SYSTEMS

■ CONCEALED CEILING SYSTEM ■

Rockfon® System T24 X™ 204

■ SEMI-CONCEALED CEILING SYSTEM ■

Rockfon® System T24 M™ 205

Rockfon® System T24 E™ 206

■ VISIBLE GRID CEILING SYSTEM ■

Rockfon® System T24 A™ 206

■ CEILING SYSTEM FOR SPECIAL APPLICATIONS ■

Rockfon® System B Adhesive™ 207

ISLANDS

Rockfon® System Eclipse Island™ 208

All Rockfon systems and their detailed descriptions are available at
<https://cee.rockfon.international/products/rockfon-systems/>





A

B

C

E

F

G

H

L

M

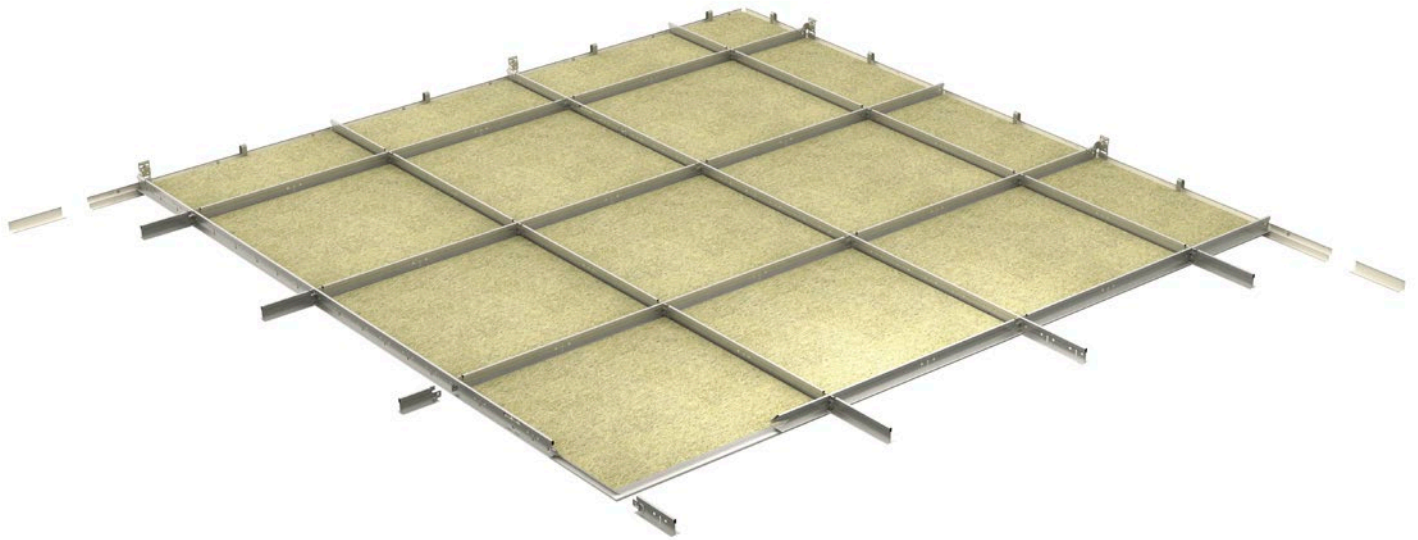
N

R

T

S

Rockfon® System T24 X™



Rockfon System T24 X is a concealed ceiling system that provides an elegant, unbroken ceiling expression and is used with X-edge tiles.

The system can either be installed as suspended ceiling at the desired height using the **Chicago Metallic T24 Click 2890** or mounted directly on the soffit by using direct fixing brackets. In Rockfon System T24 X the Chicago Metallic T24 Click 2890 grid comes with a click system providing easy and fast mounting and demounting. The T profiles have a width of 24 mm, and all components are made of galvanized steel with a smooth, white

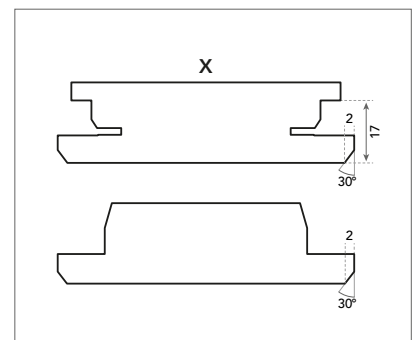
surface hidden by Rockfon X-edge tiles. The system includes main runners, cross tees, hangers and other necessary components. The main runners and cross tees have a uniform height of 38 mm, ensuring stability and easier integration of services. A number of accessories, lighting and ventilation solutions have been developed for Rockfon System T24 X. The system provides full demountability of the mounted tiles. The system is characterized in that, during mounting or de-mounting, the tiles never come over the grid system where there is often installations. Rockfon X-edge tiles are available in different module sizes. The grid layout to be used depends on the choice of the module size.



To make sure that the tiles of a Rockfon System T24 X are perfectly positioned, we recommend the use of the wall spring fixt.

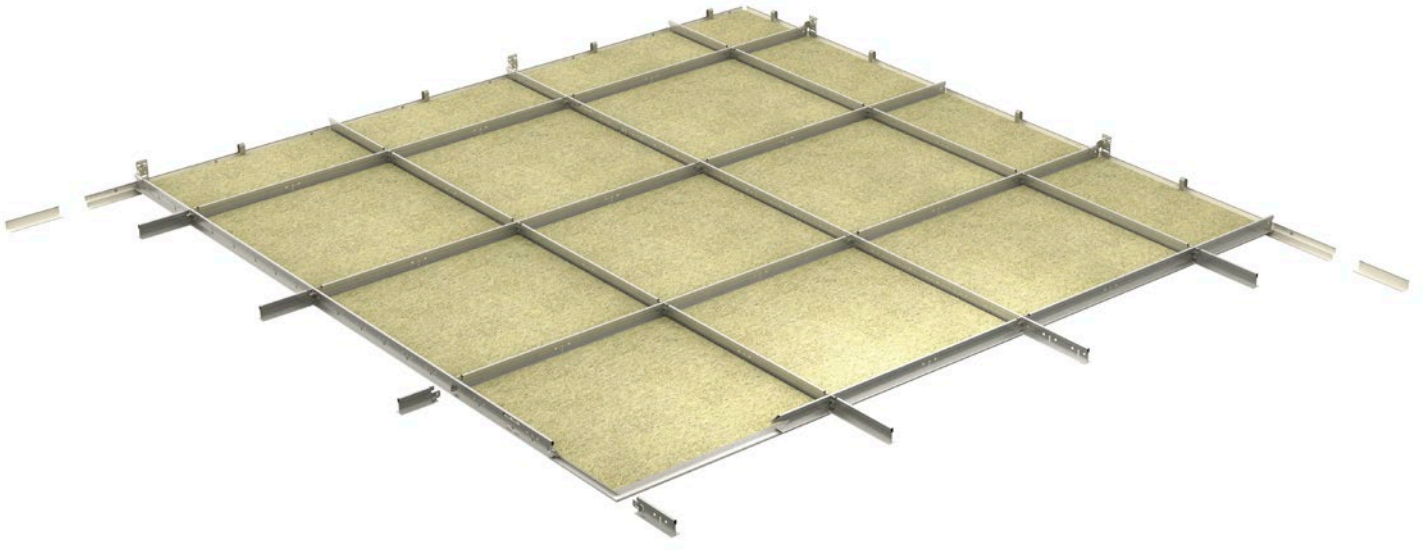


To secure the squariness of the Rockfon System T24 X it is recommended to use a wall bracket on every main runner and every second cross tee.



Concealed grid system with the symmetric X-edge ensuring fast mounting in both direction.

Rockfon® System T24 M™



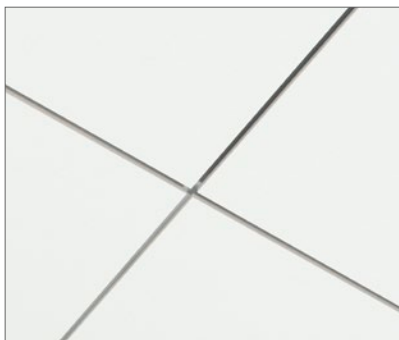
Rockfon System T24 M is a semi-concealed system used for the installation of Rockfon M-edge tiles.

In the finished ceiling, the grid is deeply recessed and the intricate edge detail provides a pleasing unique shadow effect.

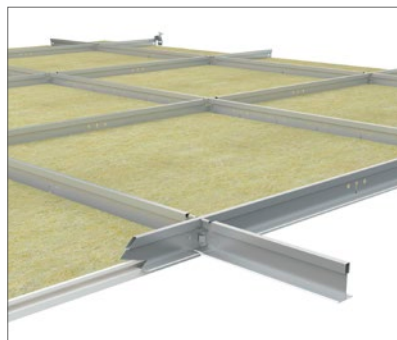
To further enhance this effect, contrasting grid colours can be used.

The system is either fixed directly to the soffit or suspended at the desired height. The key feature of this ceiling is the 8 mm recess between the tiles which provides a shadow and semi-conceals the grid to create a floating appearance.

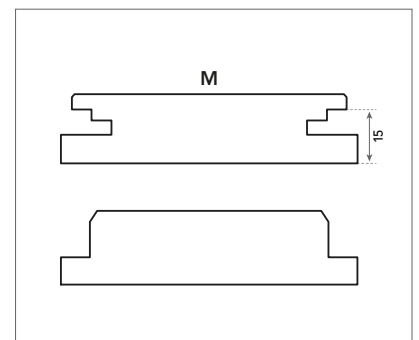
The Rockfon M-edge tiles are installed in the strong and stable **Chicago Metallic T24 Click 2890** grid which can be easily mounted and demounted. The main runners should be positioned at 1200 mm centred.



The 8 mm recess between the tiles which provides a shadow and semi-conceals the grid to create a floating appearance.



Click system providing easy and fast mounting and demounting.



M-edge detail: M-edge creates straight lines in the ceiling along the supporting and non supporting tile edge.

Rockfon® System T24 A, E™



Rockfon System T24 A, E is used – depending on the choice of tile – to create a semi concealed (E-edge) or visible (A-edge) grid ceilings.

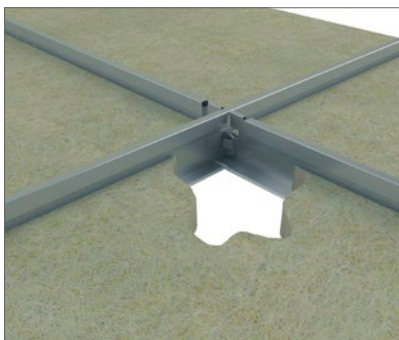
The ceiling can be installed at the desired height – then the grid **Chicago Metallic T24 Click 2890** is suspended with use of adjustable hangers or can be mounted directly to the soffit with use of direct fixing brackets.

In Rockfon System T24 A, E the Chicago Metallic T24 Click 2890 grid comes with a click connection providing easy and fast mounting and demounting.

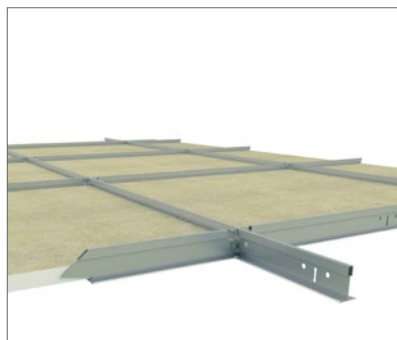
The T profiles have a width of 24 mm, and all components are made of galvanised steel with a smooth, white surface.

The grid system includes main runners, cross tees, hangers and other necessary components. The main runners and cross tees have a uniform height of 38 mm, ensuring stability and easier integration of services. The system provides a full demountability of all mounted tiles. Rockfon A-edge and E-edge tiles are available in different module sizes.

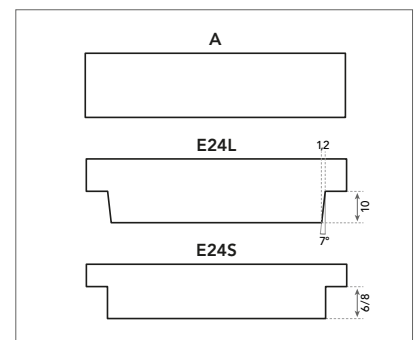
The grid layout to be used depends on the choice of the module size.



Click system providing easy and fast mounting and demounting.

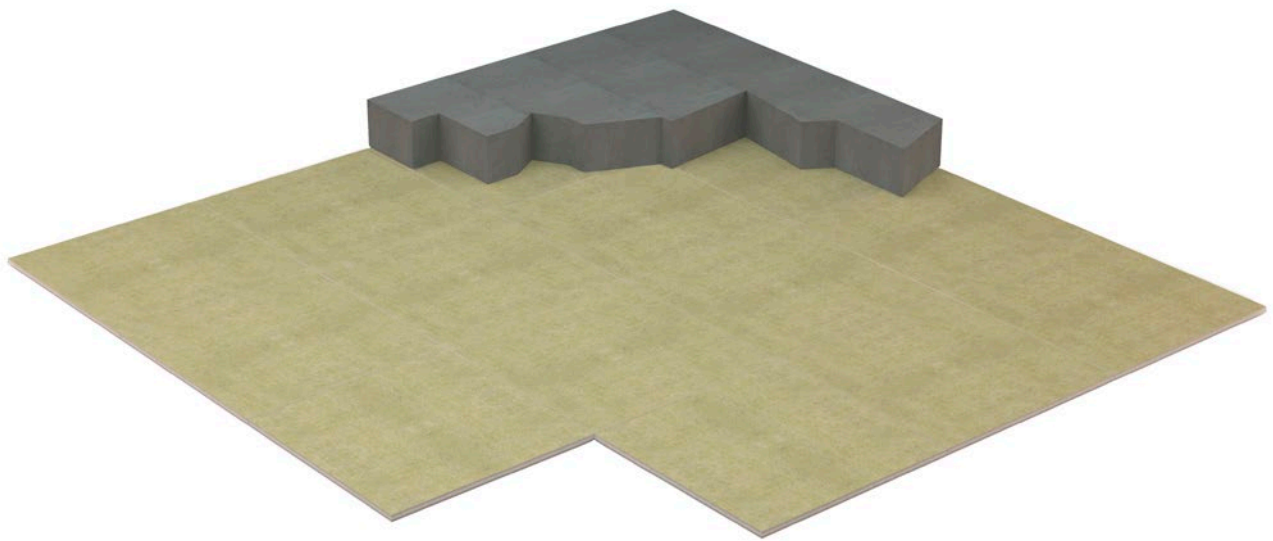


38 mm full height main runners and cross tees for stability and easy service integration.



A and E edges ensuring fast mounting and full demountability.

Rockfon® System B Adhesive™



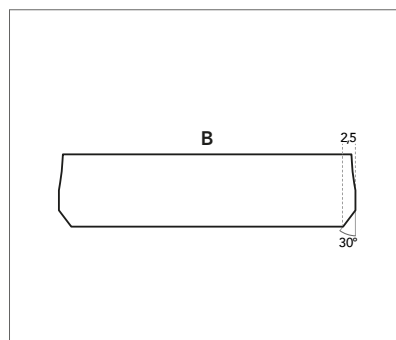
Rockfon System B Adhesive is an easy to install adhesively bonded solution which provides good sound absorption.

Creating an acoustic (concealed) ceiling in areas with limited installation height (both new build and renovation), where the use of a traditional suspended ceiling is not possible.

Rockfon System B Adhesive consists of Rockfon B edge tiles and adhesives which are suitable for different applications and types of soffit. This versatile ceiling solution can be used horizontal, vertical or sloping, as a complete ceiling, in aligned or off-set patterns, or as islands.



Rockfon System B Adhesive with sharp looking beveled edges.



B edge.

Rockfon® System Eclipse Island™



Rockfon System Eclipse Island is a frameless acoustic solutions available in a variety of geometric shapes and comes in three different versions that all feature a minimalistic straight painted A-edge.

Our Rockfon Eclipse is covered with a smooth, deep matt, super white painted fleece that has anti-static properties, extending product lifetime. If you are looking to add colour to your project, you can also choose Rockfon Eclipse Colour, which comes in a variety of pre-defined colours*, or Rockfon Eclipse Customised, which is our custom colour offering. The reverse side of the island is covered with a white acoustic fleece.

Rockfon Eclipse can be suspended under an existing soffit, T24 grid or gypsum ceiling. Using specifically designed accessories, it can be fixed directly to the soffit itself. The Rockfon Eclipse Rectangle, 2360 x 1160 x 40, has two special white aluminium profiles that are integrated to the backside of the island providing extra stability during the installation.

This acoustic system is ideal in rooms and buildings where the use of a traditional suspended ceiling is technically not appropriate (e.g. where the principle of thermal mass is incorporated in the building design) or is aesthetically unappealing. It is a good and flexible solution to make room acoustic improvements in existing buildings.

Restrictions

Due to the risk of corrosion, the suspension accessories of Rockfon System Eclipse Island should not be used in swimming pools or outdoor environments. Furthermore, Rockfon System Eclipse Island should not be used in areas subjected to wind load and drafts.

Rockfon does not advise to install Eclipse islands with edges against each other. A min. gap of 4 mm between 2 Eclipse islands is advised.

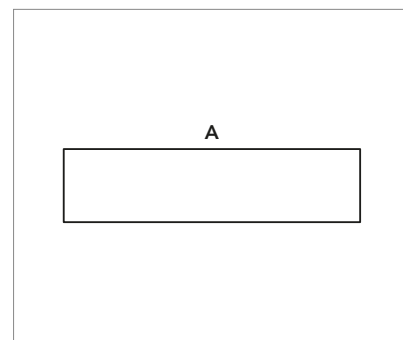
* Please reference our Rockfon Eclipse Colour datasheet to see the available colours.



Rockfon spiral anchor is delivered together with a Rockfon Eclipse suspension kits.



Rockfon has two suspension kits variants with 1500 mm adjustable metal wire and safe attachment hook.
1. Classic solution
2. Design solution



Minimalistic painted straight A edge.



Rockfon Tiles Overview

	Edge Detail	Module Size ¹⁾	Sound Absorption ^{2, 4)}	α_w ^{2, 4)}	$D_{n,f,w}$ ³⁾	
MONOLITHIC CEILING						
Rockfon® Mono® Acoustic	TE	900 – 1800	-	0,90 1,00	-	
MODULAR CEILINGS						
Design White						
Rockfon Blanka®	A15, A24, B, C, D, D/AEX, E15, E24S8, M, X, Z	600 – 2400	-	1,00	26 dB	
				0,95	- 25 dB	
Rockfon Blanka® Activity	A24, B, C, D, E24S8	300 – 2400		1,00		
Rockfon Blanka® dB 35	A24, E15, E24S8	600 – 1200		0,80	35 dB	
Rockfon Blanka® dB 41	A24, D, D/AEX, E15, E24S8	600 – 1800		0,90	41 dB	
Rockfon Blanka® dB 43					43 dB	
Rockfon Blanka® dB 46					46 dB	
Rockfon Blanka® Bas	A15, A24	600 – 1200		0,25	-	
Rockfon® Sonar®	A15, A24, B, C, D, D/AEX, E15, E24, M, X, Z	600 – 2400		1,00	27 dB	
				0,95	-	
Rockfon® Sonar® Activity	A24, B, C, D, E24	300 – 2400		1,00		
Rockfon® Sonar® dB 35	A24, E15, E24S8	600 – 1200		0,80	35 dB	
Rockfon® Sonar® dB 41	A24, D, D/AEX, E15, E24S8	600 – 1800		0,90	41 dB	
Rockfon® Sonar® dB 43		600 – 1500			43 dB	
Rockfon® Sonar® dB 46		600 – 1800			46 dB	
Rockfon® Sonar® Bas	A15, A24, D, E15, E24	600 – 1200		0,20	-	
Design Decoration						
Rockfon Color-all®	A15, A24, B, E15, E24S8, X	600 – 1800		-	0,95 1,00	-
Rockfon Color-all® Special	A15, A24, B, E24, X	600 – 1200			1,00	
Rockfon® Ligna™	A15, A24	600 – 1200			min. 0,85	-
Core White						
Rockfon® Koral™	A15, A24, As, E15, E24S8	600 – 2400	-	0,95 1,00	-	
				0,55		
Rockfon® Koral™ Tenor	A24	600 – 1200		0,60		
Rockfon® Koral™ 100 mm				1,00		
Rockfon® Tropic™	A15, A24, E15, E24S8			0,95		
Basic White						
Rockfon® Artic™	A15, A24, E15, E24S8	600 – 1200	-	0,90	-	
Rockfon Pacific®	A15, A24, E15S6, E24S6			0,80		
Rockfon Pacific® 15 mm	A15, A24	600 – 600		0,85		
Rockfon® Sofit™				0,60 0,65		

(1) Smallest width - greatest possible length (see product data sheet).

(2) The plenum height used to measure the α_w and the sound absorption class is usually 200 mm (see technical data sheet).

(3) $D_{n,f,w}$ is measured in the laboratory in compliance with the ISO 10848-2 standard. The sound insulation of a building depends on many factors, eg. the type of partition or ceiling (material, dimensions of the panels and type of edge), as well as the quality of the connections.

(4) For islands and baffles, sound absorption is expressed in Equivalent Absorption Area (m²) per module and the data communicated depend on the space between modules.

Do not hesitate to contact us for other dimensions, available edge finishes and special colours.
Consult the current price list to know the quality of service (minimum quantities and delivery times).

	Reaction to Fire	Light Reflection and Light Diffusion	L Value	Wet Abrasion Resistance	Humidity and Sag Resistance	Clean Room	Impact Resistance
	A2-s1,d0	87% light reflection (Elegant Render), >99% light diffusion (Elegant Render)	-	-	C/0N	-	-
	A1	87% light reflection, >99% light diffusion	94,5	Class 1	C/0N	-	3 A
	A2-s1,d0						-
	A1	85%	-	-	C/0N	ISO Class 5	3 A
	A2-s1,d0						-
	A1					-	
	A2-s1,d0					-	
	A1	85%	-	-	-	-	-
	A1	Colour-dependent	-	-	C/0N	-	-
	A2-s1,d0						-
	A1	Colour-dependent	-	-	C/0N	-	-
	A1	86%	-	-	C/0N	-	-
		-					-
		86%					-
	A1	82%	-	-	C/0N	-	-
		-			-		
		77%			-		
		-			-		

Rockfon Tiles Overview

	Edge Detail	Module Size ¹⁾	Sound Absorption ^{2, 4)}	α_w ^{2, 4)}	$D_{n,f,w}$ ³⁾	
Special Applications						
<i>Hygiene</i>						
Rockfon® CleanSpace™ Essential	A15, A24	600 – 2400	-	0,85	-	
				0,95		
Rockfon® CleanSpace™ Pro	A24, E24S8	600 – 1200		1,00		
Rockfon® CleanSpace™ Block	A24			0,90		
Rockfon® CleanSpace™ Pure	A24, E24, X	600 x 1200		1,00	-	
				0,95		
Rockfon® CleanSpace™ Air	A24	600 x 600	0,80	-		
			1,00			
<i>Healthcare</i>						
Rockfon® MediCare® Standard	A15, A24, E15, E24S8	600 – 1200	-	0,95	-	
				22		
Rockfon® MediCare® Plus	A24, E24S8, X	600 – 2400		1,00	-	
				0,95		
Rockfon® MediCare® Block	A24	600 – 1200	0,90			
Rockfon® MediCare® Air			0,80			
<i>Impact Resistant</i>						
Rockfon® Samson™	A HAT, A24, AEX	600 – 2400	-	1,00	-	
Rockfon® Boxer™	A24, AEX					
<i>Thermal Insulation</i>						
Rockfon® Facett™	A24	600 – 1200	-	0,90	-	
				1,00		
<i>Industry</i>						
Rockfon® Industrial™ Black	A24	600 – 1200	-	1,00	-	
Rockfon® Industrial™ Opal						
Rockfon® Industrial™ Nature						
Rockfon® Cosmos™ Grey	Bp			0,95		
				1,00		
<i>Acoustic Additions</i>						
Rockfon® Soundstop™	-	1000 – 1200	-	-	-	
<i>Complementary Products</i>						
Rockfon® Rocklux™		745 – 1780	-	-	-	

(1) Smallest width - greatest possible length (see product data sheet).

(2) The plenum height used to measure the α_w and the sound absorption class is usually 200 mm (see technical data sheet).

(3) $D_{n,f,w}$ is measured in the laboratory in compliance with the ISO 10848-2 standard. The sound insulation of a building depends on many factors, eg. the type of partition or ceiling (material, dimensions of the panels and type of edge), as well as the quality of the connections.

(4) For islands and baffles, sound absorption is expressed in Equivalent Absorption Area (m²) per module and the data communicated depend on the space between modules.

Do not hesitate to contact us for other dimensions, available edge finishes and special colours.
Consult the current price list to know the quality of service (minimum quantities and delivery times).

	Reaction to Fire	Light Reflection and Light Diffusion	L Value	Wet Abrasion Resistance	Humidity and Sag Resistance	Clean Room	Impact Resistance
	A1	85%	-	-	C/0N	ISO Class 4	-
	B-s1,d0	74%			C/0N	ISO Class 2	
	A1	Light reflection 86%, light diffusion >99%	-	-	C/0N	ISO Class 3	-
	A1	85%	-	-	C/0N	ISO Class 3	-
	A1	86%	-	-	C/0N	ISO Class 5	-
	B-s1,d0	74%			-	ISO Class 2	
	A1	85%			C/0N	ISO Class 3	
	A1	72%	-	-	C/0N	-	1A, 2 A
		85%					1A, 2 A, 3 A
	A1	-	-	-	C/0N	-	-
	A1	-	-	-	C/0N	-	-
	A1	64%			C/0N		
		-					
		67%			-		
	C-s1,d0	-	-	-	-	-	-
	A1	-	-	-	-	-	-
	A1	-	-	-	-	-	-

Rockfon Tiles Overview

	Edge Detail	Module Size ¹⁾	Sound Absorption ^{2, 4)}	α_w ^{2, 4)}	$D_{n,f,w}$ ³⁾	
ISLANDS						
Rockfon® Eclipse™	A island	800 – 2360	-	-	-	
Rockfon® Eclipse™ Colour	A island	1160 – 1160	-	-	-	
Rockfon® Eclipse™ Customised		580 – 2360				
BAFFLES						
Rockfon Contour®	A	Rectangle: 300 - 1800 Wave: 150/300 - 1200	-	-	-	
Rockfon® Universal™ Baffle	2F, 4F	300 – 1800	-	-	-	
Rockfon Humitec® Baffle	4F	450 – 1200	-	-	-	
Rockfon® Industrial™ Baffle	2F	450 – 1200	-	-	-	
WALL PANELS						
Rockfon Eclipse® wall panel	A wall	800 – 2360	-	-	-	
Rockfon® Samson™ wall panel	A HAT, A24 wall	600 – 2400	-	0,85	-	
Rockfon® VertiQ®	A HAT, A24 wall, C wall	600 – 2700		1,00		
DESIGN PRODUCTS						
<i>Dividers</i>						
Rockfon® Canva™ Floor screen	-	1000 - 1800	-	-	-	
Rockfon® Canva™ Hanging divider	-	600 - 1800	-	-	-	
<i>Design Decoration Wall</i>						
Rockfon® Canva™ Wall panel	-	600 - 1800	-	0,95	-	
Rockfon® Lamella™	-	600 - 600	-	0,90	-	
<i>Design Decoration Island</i>						
Rockfon® Hub™	X	600 - 600	-	0,95	-	

(1) Smallest width - greatest possible length (see product data sheet).

(2) The plenum height used to measure the α_w and the sound absorption class is usually 200 mm (see technical data sheet).

(3) $D_{n,f,w}$ is measured in the laboratory in compliance with the ISO 10848-2 standard. The sound insulation of a building depends on many factors, eg. the type of partition or ceiling (material, dimensions of the panels and type of edge), as well as the quality of the connections.

(4) For islands and baffles, sound absorption is expressed in Equivalent Absorption Area (m²) per module and the data communicated depend on the space between modules.

Do not hesitate to contact us for other dimensions, available edge finishes and special colours.

Consult the current price list to know the quality of service (minimum quantities and delivery times).

	Reaction to Fire	Light Reflection and Light Diffusion	L Value	Wet Abrasion Resistance	Humidity and Sag Resistance	Clean Room	Impact Resistance
	A1	87% light reflection (rear side: 79%), >99% light diffusion	94,5	Class 1	C/0N	-	-
	A2-s1,d0						
	A1						
	A2-s1,d0	Colour-dependent	-	-	C/0N	-	-
	A1	79%	-	-	C/Pass	-	-
	A2-s1,d0	White (77%), Charcoal (4%), Color-all (Colour dependent)	-	-	B/Pass	-	-
	A2-s1,d0	85%	-	-	D/Pass	ISO Class 2	-
	A2-s1,d0	64%	-	-	B/Pass	-	-
	A1	87% light reflection (rear side: 79%), >99% light diffusion	94,5	Class 1	C/0N	-	-
	A2-s1,d0						
	A1						
	A1	72%	-	-	-	-	-
	A2-s1,d0	White 72%, Lightgrey 61%, Grey 33%, Black 5%			C/0N		
	B-s1,d0	-	-	-	-	-	-
	B-s1,d0	-	-	-	-	-	-
	B-s1,d0	-	-	-	-	-	2 A
	C-s2,d0	-	-	-	-	-	-
	A1	-	-	-	-	-	-

Rockfon Systems Overview

		Monolithic Ceiling	Modular Ceilings					
		Monolithic	Concealed Grid					
		Suspended, Direct or Flecto Type	Concealed Ceiling System					
		Rockfon® System Mono Acoustic™	Rockfon® System T24 X™	Rockfon® System T24 X DLC™	Rockfon® System T24 Z™	Rockfon® System T24 Stepped Z D™	Rockfon® System XL T24 D™	
Chicago Metallic Grids		- Monolithic	X T24 Click 2890	X T24 Click 2890	Z T24 Click 2890	D Stepped Z	D T24 Click 2890	
MONOLITHIC CEILING	Rockfon® Mono® Acoustic	•						
MODULAR CEILINGS	Rockfon Design Ceilings							
	Rockfon Blanka®		•	•	•	•	•	
	Rockfon Blanka® Activity						•	
	Rockfon Blanka® dB 35							
	Rockfon Blanka® dB 41					•	•	
	Rockfon Blanka® dB 43						•	
	Rockfon Blanka® dB 46						•	
	Rockfon Blanka® Bas							
	Rockfon® Sonar®		•	•	•	•	•	•
	Rockfon® Sonar® Activity™							•
	Rockfon® Sonar® dB 35							
	Rockfon® Sonar® dB 41					•	•	
	Rockfon® Sonar® dB 43						•	
	Rockfon® Sonar® dB 46						•	
	Rockfon Sonar® Bas							
	Rockfon Decoration Ceilings							
	Rockfon Color-all®		•	•				
	Rockfon Color-all® Special		•	•				
	Rockfon Ligna®							
	Rockfon Core White Ceilings							
	Rockfon® Koral™							
	Rockfon® Koral™ 100 mm							
	Rockfon® Koral™ Tenor							
	Rockfon® Tropic™							
	Rockfon Basic Ceilings							
	Rockfon® Artic™							
	Rockfon Pacific™							
	Rockfon Pacific™ 15mm							
	Rockfon® Sofit™							

	Semi-concealed Grid				Visible Grid			
	Semi-concealed Ceiling System				Visible Grid Ceiling System			
	Rockfon® System T15 E™	Rockfon® System T24 E™	Rockfon® System XL T24 E™	Rockfon® System T24 M™	Rockfon® System T15 A™	Rockfon® System T24 A™	Rockfon® System XL T24 A™	Rockfon® System Ultraline E™
	E T15 Click 2790	E T24 Click 2890	E T24 Click 2890	M T24 Click 2890	A T15 Click 2790	A T24 Click 2890	A T24 Click 2890	E Ultraline 3500
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Rockfon Systems Overview

		Monolithic Ceiling	Modular Ceilings					
		Monolithic	Concealed Grid					
		Suspended, Direct or Flecto Type	Concealed Ceiling System					
		Rockfon® System Mono Acoustic™	Rockfon® System T24 X™	Rockfon® System T24 X DLC™	Rockfon® System T24 Z™	Rockfon® System T24 Stepped Z D™	Rockfon® System XL T24 D™	
Chicago Metallic Grids		- Monolithic	X T24 Click 2890	X T24 Click 2890	Z T24 Click 2890	D Stepped Z	D T24 Click 2890	
MODULAR CEILING	Special Applications: Hygiene							
	Rockfon® CleanSpace™ Essential							
	Rockfon® CleanSpace™ Pro							
	Rockfon® CleanSpace™ Block							
	Rockfon® CleanSpace™ Pure		•	•				
	Rockfon® CleanSpace™ Air							
	Special Applications: Healthcare							
	Rockfon® MediCare® Standard							
	Rockfon® MediCare® Plus		•	•				
	Rockfon® MediCare® Air							
	Rockfon® MediCare® Block							
	Special Applications: Impact Resistance							
	Rockfon® Samson™							
	Rockfon® Boxer™							
	Special Applications: Underground Parking Garages							
	Rockfon® Facett™							
	Special Applications: Industry							
	Rockfon® Industrial™ Black							
	Rockfon® Industrial™ Opal							
	Rockfon® Industrial™ Nature							
	Rockfon® Cosmos™ Grey							
	Special Applications: Acoustic Barriers							
	Rockfon® Soundstop™							
Special Applications: Complementary Products								
Rockfon® Rocklux®								
CEILING ISLANDS AND BAFFLES	Islands							
	Rockfon® Eclipse™							
	Rockfon® Eclipse™ Colour							
	Rockfon Eclipse® Customised							
	Baffles							
	Rockfon® Contour®							
	Rockfon® Universal™ Baffle							
Rockfon Humitec® Baffle								
Rockfon® Industrial™ Baffle								

Rockfon Systems Overview

		Modular Ceilings						
		Special Ceilings						
		Rockfon® System Maxispan T24 A™	Rockfon® System Maxispan T24 E™	Rockfon® System C direct™	Rockfon® System HAT A™	Rockfon® System Bandraster Dznl/AEX™	Rockfon® System Bandraster A	
Chicago Metallic Grids		A T24 Click 8280	E T24 Click 8280	C -	A HAT	Dznl/AEX Bandraster	A Bandraster	
MONOLITHIC CEILING	Rockfon® Mono® Acoustic							
MODULAR CEILING	Rockfon Design Ceilings							
	Rockfon Blanka®	•	•	•		•	•	
	Rockfon Blanka® Activity	•	•	•	•	•	•	
	Rockfon Blanka® dB 35	•	•			•	•	
	Rockfon Blanka® dB 41	•	•			•	•	
	Rockfon Blanka® dB 43	•	•		•	•	•	
	Rockfon Blanka® dB 46	•	•			•	•	
	Rockfon Blanka® Bas							
	Rockfon® Sonar®	•	•	•		•	•	
	Rockfon® Sonar® Activity™	•	•	•	•	•	•	
	Rockfon® Sonar® dB 35	•	•			•	•	
	Rockfon® Sonar® dB 41	•	•			•	•	
	Rockfon® Sonar® dB 43	•	•		•	•	•	
	Rockfon® Sonar® dB 46	•	•			•	•	
	Rockfon® Sonar® Bas							
	Rockfon Decoration Ceilings							
	Rockfon Color-all®	•	•					
	Rockfon Color-all® Special	•	•					
	Rockfon® Ligna™							
	Rockfon Core White Ceilings							
	Rockfon® Koral™	•	•					•
	Rockfon® Koral™ 100 mm	•						•
	Rockfon® Koral™ Tenor							•
	Rockfon® Tropic™	•	•					•
	Rockfon Basic Ceilings							
	Rockfon® Artic™	•	•					•
	Rockfon Pacific®							
	Rockfon Pacific® 15 mm							
	Rockfon® Sofit™							

Rockfon Systems Overview

		Modular Ceilings						
		Special Ceilings						
		Rockfon® System Maxispan T24 A™	Rockfon® System Maxispan T24 E™	Rockfon® System C direct™	Rockfon® System HAT A™	Rockfon® System Bandraster Dznl/AEX™	Rockfon® System Bandraster A	
Chicago Metallic Grids		A T24 Click 8280	E T24 Click 8280	C -	A HAT	Dznl/AEX Bandraster	A Bandraster	
MODULAR CEILING S	Special Applications: Hygiene							
	Rockfon® CleanSpace™ Essential	•						
	Rockfon® CleanSpace™ Pro							
	Rockfon® CleanSpace™ Block							
	Rockfon® CleanSpace™ Pure							
	Rockfon® CleanSpace™ Air							
	Special Applications: Healthcare							
	Rockfon® MediCare® Standard							
	Rockfon® MediCare® Plus							
	Rockfon® MediCare® Air							
	Rockfon® MediCare® Block							
	Special Applications: Impact Resistance							
	Rockfon® Samson™					•		
	Rockfon® Boxer™					•		
	Special Applications: Underground Parking Garages							
	Rockfon® Facett™							
	Special Applications: Industry							
	Rockfon® Industrial™ Black							
	Rockfon® Industrial™ Opal							
	Rockfon® Industrial™ Nature							
	Rockfon® Cosmos™ Grey							
	Special Applications: Acoustic Barriers							
	Rockfon® Soundstop™							
	Special Applications: Complementary Products							
	Rockfon® Rocklux®							
	CEILING ISLANDS AND BAFFLES	Islands						
Rockfon® Eclipse™								
Rockfon® Eclipse™ Colour								
Rockfon Eclipse® Customised								
Baffles								
Rockfon® Contour®								
Rockfon® Universal™ Baffle								
Rockfon Humitec® Baffle								
Rockfon® Industrial™ Baffle								

Rockfon Systems Overview

		Wall Panels and Design Products				
		Rockfon® System VertiQ® T24 A Wall	Rockfon® System VertiQ® HAT A Wall	Rockfon® System VertiQ® C Wall™	Rockfon® System Eclipse Wall™	
WALL PANELS	Rockfon Eclipse® wall panel				•	
	Rockfon® Samson™ wall panel	•	•			
	Rockfon® VertiQ®	•	•	•		
DESIGN PRODUCTS	Dividers					
	Rockfon® Canva™ Floor Screen					
	Rockfon® Canva™ Hanging Divider					
	Design Decoration Wall					
	Rockfon® Canva™ Wall Panel					
	Rockfon® Lamella™					
	Rockfon® Senses				•	
	Design Decoration Island					
Rockfon® Hub™						

	Rockfon® Lamella™	Rockfon® Canva Wall Panel	Rockfon® Canva Hanging Divider	Rockfon® Canva Floor Screen	Rockfon® Hub	Rockfon® System A, B Adhesive™
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A modern office interior with teal walls and a large window. A long, thin pendant light fixture hangs from the ceiling. The ceiling features exposed teal pipes and a circular air vent. A potted plant sits on a white desk in the foreground. The floor is covered in blue carpeting. A person's head is visible through the window, and a chair is partially visible in the foreground.

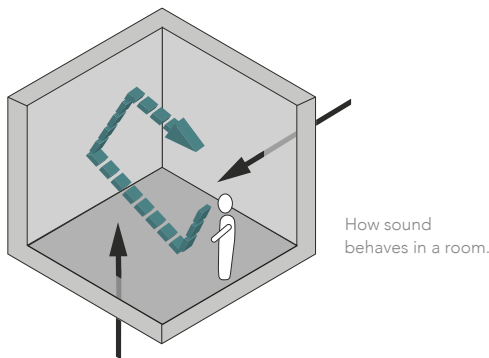
The science of acoustics

Great acoustics can make us healthier, happier and more productive. But how do room acoustics work? How can we understand acoustic properties of the ceiling better?

What's the difference between sound absorption and insulation?

Two main factors determine the acoustics of a room:

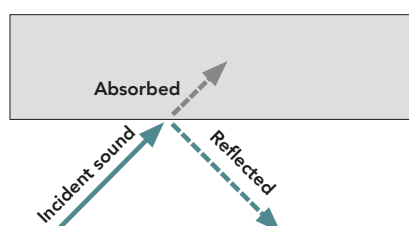
- Sound absorption: How sound behaves in a room.
- Sound insulation: How much sound travels from one room to another.



Sound absorption

When a sound wave hits a surface, part of the energy is reflected, the material absorbs part of it and the rest is transmitted. The quality of sound absorption is determined by the layout of the space and the materials used. By nature, stone wool used in Rockfon acoustic products offers excellent sound absorption properties.

- Sound absorption controls the ambient sound pressure level in a room to create comfortable environments where people can concentrate and work productively without noise-induced irritation or stress.
- It increases speech intelligibility making conversation easier to understand and hear.
- It reduces reverberation (echoes) and the 'cocktail party' effect where sound levels rise uncontrolled in a room as people talk louder and louder to make themselves heard.

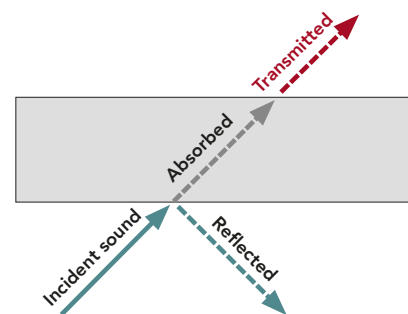


Sound insulation

Sound insulation is the degree to which sound is prevented from penetrating another space. It influences the sound level in the receiving space.

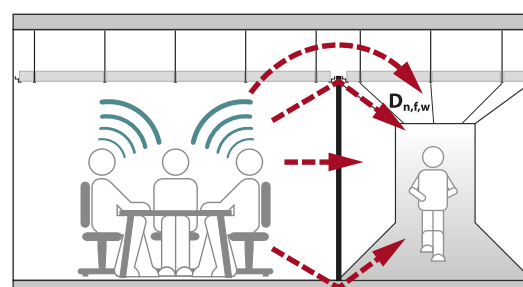
- All walls and ceilings, to some degree, limit sound transmission from one room to another.
- The use of building elements with superior sound insulation properties contributes to a higher degree of privacy and confidentiality.
- Sound insulation contributes to lower sound pressure levels in adjoining rooms, creating more comfortable environments in which everyone can easily concentrate.

Mass, air-tightness and absorbing ability are the primary properties that determine the ability of a material to insulate sound. Our stone wool ceilings can help limit the transmission of unwanted sound from one room to another.



The impact sound insulation between two floors is an expression of the ability of a construction to insulate from sounds generated by impacts e.g. footsteps, slamming doors. It is characterised by the impact sound pressure level $L'_{nT,rw}$ and is rated in dB. The lower the value, the lower the sound pressure level, thus the better the impact sound insulation. Some regulators prescribe maximum $L'_{nT,rw}$ ($L'_{nT}(T_{mf,max})_{rw}$ in the case of schools) levels of 60 dB in classrooms and offices.

The total sound insulation of adjacent spaces is expressed by D_nT_{rw} , R'_w or D_nT_A values. It represents the ability of a total construction (partition, ceiling, floor and all connections) to block speech, music or other noise that is transmitted through the air and buildings. The higher the value (in dB) the better the performance. Some regulators prescribe minimum levels of 35-45 dB between offices or 50-60 dB between apartments and dwellings.



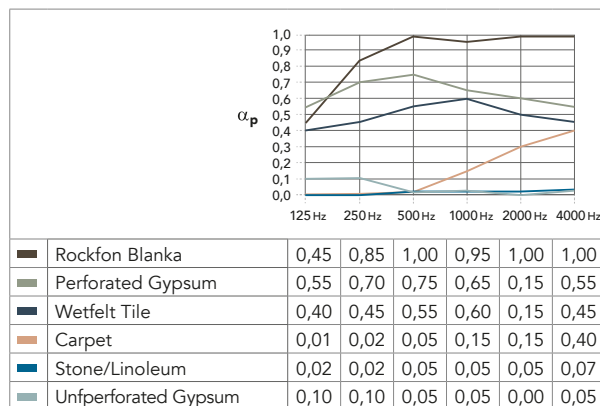
How sound transfers from one room to another.

How to compare ceiling acoustics

Sound absorption is measured using the sound absorption coefficient alpha (α_w) that has a value between zero (0) and 1.00. Zero represents no absorption (total reflection), and 1.00 represents total absorption of the incident sound. This coefficient is used to determine the sound absorption indicators explained on the next pages.

Weighted sound absorption coefficient (α_w)

Alpha W or α_w is calculated in accordance with ISO 11654 using the practical sound absorption coefficient α_p values at standard frequencies and comparing them with a reference curve. All suspended ceiling suppliers in Europe provide α_w for their products. Stone wool used in our products offers the highest performance, when compared to many other materials.



Sound absorption class

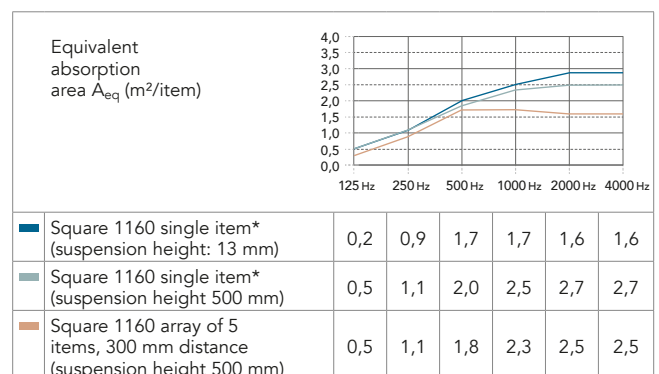
The international standard ISO 11654 breaks absorption performance into five classes, from A to E. The α_p values are compared to a series of fixed reference curves. The range between the reference curves is wide, so absorption classes provide only a rough indicator of sound absorption. Many of our ceilings offer class A sound absorption.

α_w	Sound absorption class
0,90 – 1,00	A
0,80 – 0,85	B
0,60 – 0,75	C
0,30 – 0,55	D
0,15 – 0,25	E
0,00 – 0,10	Not classified

Equivalent sound absorption area (A_{eq})

The sound absorption property of islands and baffles is quantified using the equivalent sound absorption area A_{eq} expressed as m^2 per object. This is the corresponding area of a fictive product, with an $\alpha_p = 1.00$, at all frequencies, which would then absorb the same amount of sound as the tested island or baffle.

The A_{eq} value is measured in accordance with the ISO 354. The reason for the difference in measurement value, is that an island or baffle also uses its edges to absorb sound, therefore it has a larger absorption area than just its surface. There is no standardised “weighted” equivalent sound absorption area, so one way to compare a plane ceiling with a ceiling of islands or baffles is to calculate the reverberation time for each room and situation. Rockfon Eclipse islands and Rockfon Contour baffles provide high sound absorption where modular suspended ceilings are not suitable.



Noise Reduction Coefficient (NRC)

Calculated in accordance with ASTM C423, the Noise Reduction Coefficient (NRC) provides a single-number rating for sound absorption (higher values are better). It is the mathematical average of the measured sound absorption coefficient α_s at 250, 500, 1000 and 2000 Hz frequencies. NRC gives equal weighting across the frequency range, which means it is not as accurate as α_w .



Sound insulation indicators

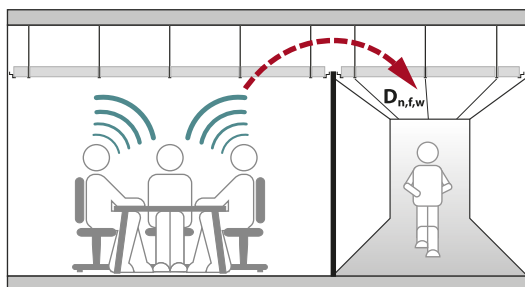
How much sound travels from one space to another?

Room-to-room sound insulation

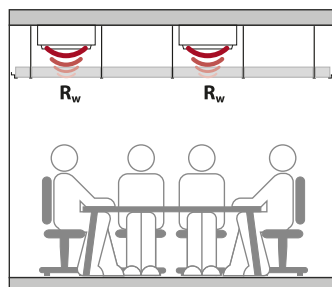
The $D_{n,f,w}$ value quantifies the longitudinal sound insulation provided by the ceiling between two rooms. The higher the $D_{n,f,w}$ value, the better the room-to-room sound insulation. The $D_{n,f,w}$ value can be considered equal to the previously-used $D_{n,c,w}$ value. $D_{n,f,w}$ is used by acousticians to predict the total sound insulation $D_{n,T,w}$ (R'_w ; $D_{n,T,A}$) between adjacent spaces.

Direct sound insulation

The direct sound insulation in dB indicated by the sound reduction index (R_w) measures the reduction of sound passing through the suspended ceiling. Ceilings with high sound reduction index R_w will help prevent noise generated by installations in the plenum from entering the room.



Room-to-room noise transfer through the ceiling.



Noise from installations in the plenum is significantly reduced by a ceiling with a high sound reduction index (R_w).

Rockfon dB assortment – maximising sound insulation

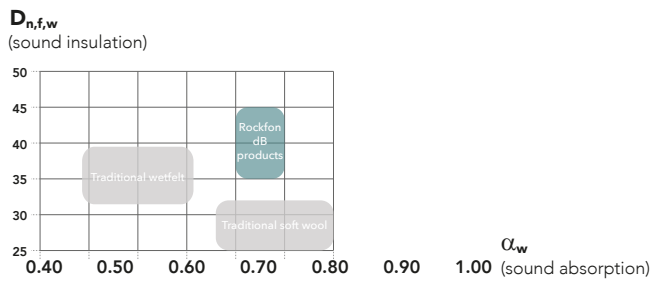
Our dB range has been designed to block sound from passing through the ceiling resulting in high room-to-room and direct sound insulation.

What makes the dB range unique is that it provides a combination of both outstanding sound insulation and sound absorption in one tile.

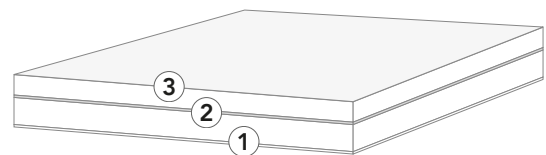
We offer four levels of dB panels:

- **dB 35** provides a quiet environment and sound insulation where privacy is not of great importance
- **dB 41** is designed for spaces where concentration and privacy are important
- **dB 43** and **dB 46** provide a quiet environment and are designed for situations where privacy and confidentiality are required

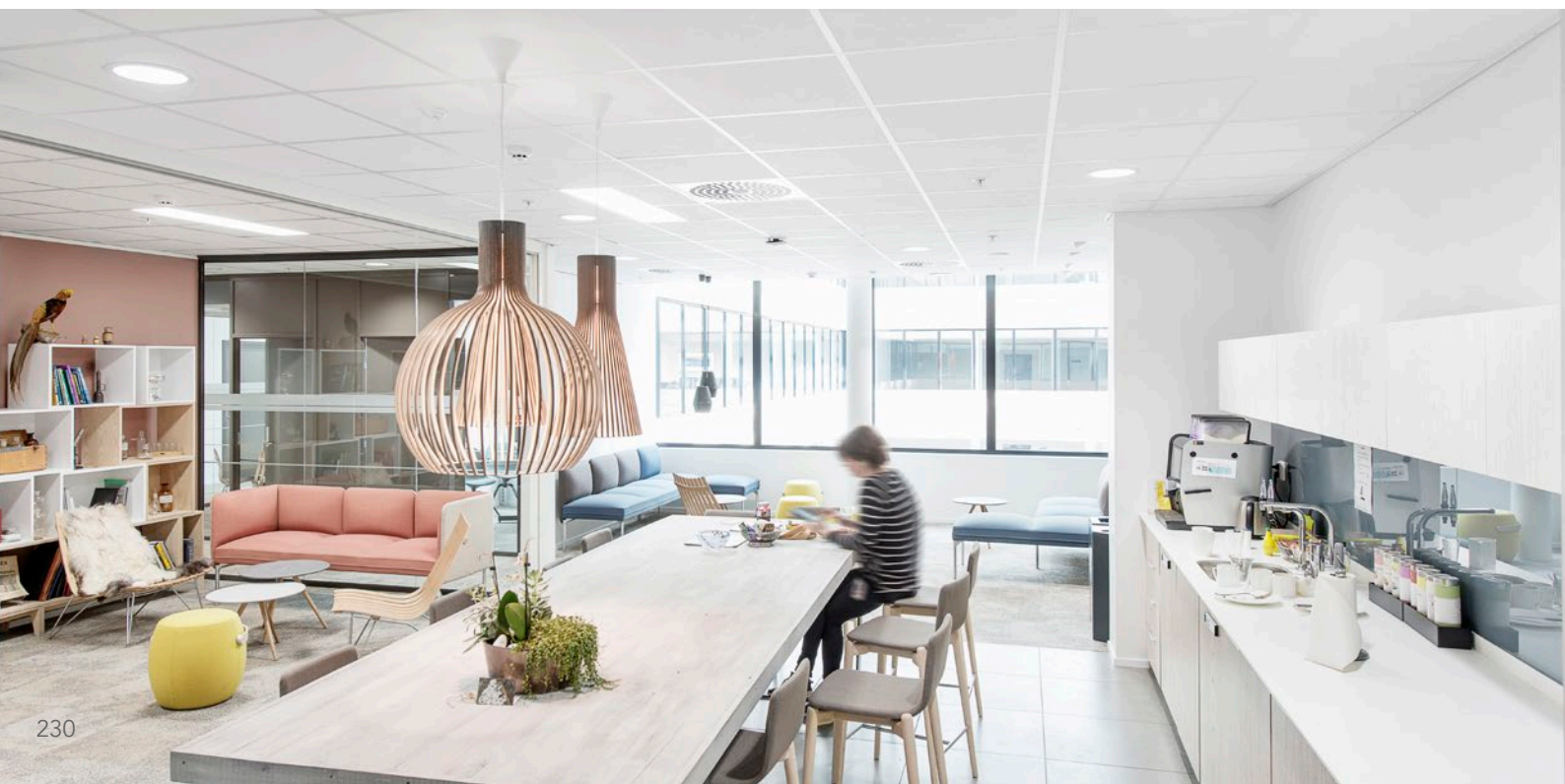
Our dB range includes class A sound absorption with up to 46 dB sound insulation. Our sandwich technology used in dB 46 range combines:



Rockfon dB 46 panel



- ① A sound-absorbing front panel which absorbs sounds and thus lowers sound pressure levels for a quieter environment.
- ② An air-tight membrane which prevents sound from migrating to an adjacent room for higher privacy and confidentiality.
- ③ A sound absorbing back panel which captures sound in the plenum caused by light fixtures and sound leakage from other open installations.



Rockfon dB products

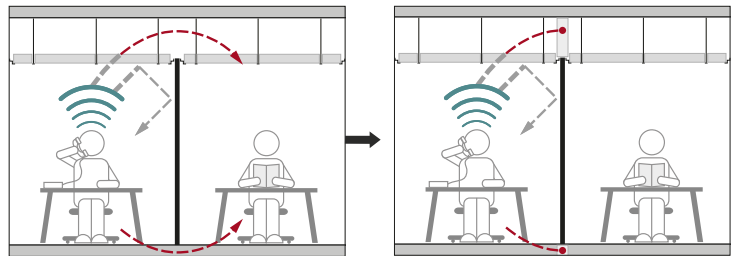
Rockfon dB products provide best in class performance due to a combination of high sound absorption and high sound insulation.

In combination with vertical sound barriers (stone wool based products placed on top of partition walls) and/or extra absorbing (stone wool) material in the plenum, Rockfon dB products can maximise sound insulation in very demanding situations (see table below). Moreover cap silencers installed above light fixtures and other open installations absorb transmitted sound, thus improving sound insulation.



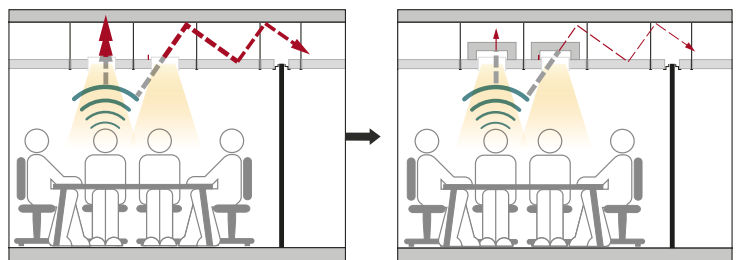
Room-to-room sound insulation values $D_{nrf,w}$ (dB)	Without sound barrier		With sound barrier 30 dB	
	With light fixtures*	With light fixtures*	With light fixtures*	With light fixtures* and cap silencers
dB 35 A edge, 1200 x 600 mm	33 dB	35 dB	49 dB	50 dB
dB 41 A edge, 1200 x 600 mm	35 / 36 dB	39 / 40 dB	50 / 52 dB	53 / 54 dB
dB 43 A edge, 1200 x 600 mm	36 / 37 dB	40 / 41 dB	51 / 53 dB	54 / 55 dB
dB 46 A edge, 1200 x 600 mm	38 dB	42 dB	54 dB	55 dB

* Light fixtures: 4 x TBS 260 per room.
/ Dependent on Product. See Datasheet for further info.



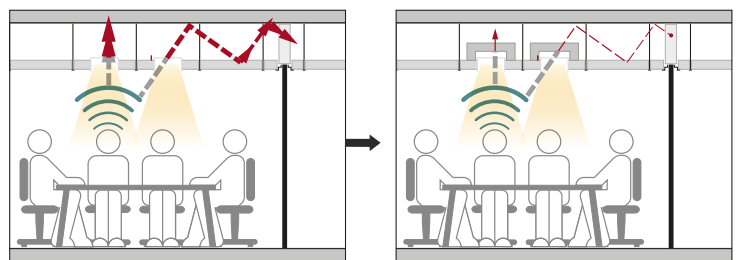
Without sound barrier.

With sound barrier 30 dB.



With light fixtures.

With light fixtures and cap silencers.



With light fixtures and sound barrier 30 dB.

With light fixtures, cap silencers and sound barrier 30 dB.

Sounds Beautiful

