

Rockfon Blanka®



Sounds Beautiful



Projet IR-Inox, Italy
Product Rockfon Blanka / X-edge

Some whites

are brighter than others

Pure white. Snow white. Bright white. Bone white. There are dozens of hues of white. And each person perceives whiteness differently, depending on the surroundings. This makes the perfectly white ceiling the unicorn of interior architecture: mythically rare and almost unattainable.

Until now. After years of research and development, Rockfon has developed a new white stone wool ceiling that takes whiteness and brightness to the next level. **Introducing Rockfon Blanka®.**



A visibly whiter ceiling

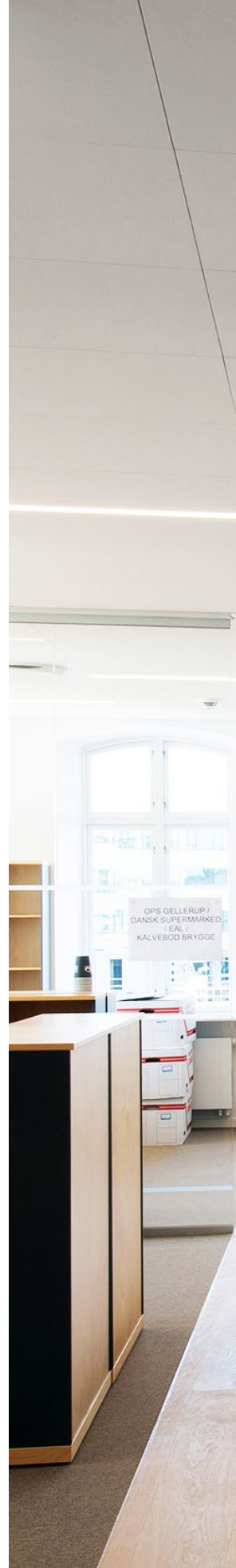
When they were developing Rockfon Blanka, our engineers were on a mission: to develop the whitest stone wool ceiling tile ever. Smooth whiteness is what architects want from a ceiling. Its seamless look perfectly showcases the details and nuances of interior architecture. It sends a message of **purity and elegance** and immediately makes occupants feel like they've walked into a special place.

Independent testing shows that Rockfon Blanka is our whitest ceiling tile available with an L value of 94+. The secret lies in the special ultra-white coating that delivers an incredibly smooth mat surface. And Rockfon Blanka delivers all this along with same outstanding acoustics and fire safety performance known from the Rockfon product range.

We wanted to create an atmosphere that was light and matte.

Architect Lionel Salley chose the incredible whiteness of Rockfon Blanka to create a sense of greater spaciousness in the office renovation of the upper floors of the Art Deco Transatlantic Terminal Building in Cherbourg.

See Lionel and other architects discuss their bright ideas on the Rockfon Blanka website.







Let there be light

The whiteness of Rockfon Blanka offers more than just aesthetic benefits. It also improves the **light reflection** and **light diffusion** of the ceiling. With a light reflection index independently tested above 87%, Rockfon Blanka can contribute to energy savings by using the most economical source of light: the sun.

A ceiling with the right combination of high light reflection and good light diffusion leads to a uniform and regular spread of natural light in a room and can optimize the need for artificial light. Light comfort is important for personal well-being and performance at work.

We chose Rockfon Blanka because of its acoustic properties, light reflection, and milky white surface.

Architect Morten Lovén chose the outstanding light reflection of the Rockfon Blanka ceiling for the LE34 office renovation to optimize the indoor environment and draw natural light as far into the building as possible.

See Morten and other architects discuss their bright ideas on the Rockfon Blanka website.

Perform a clean installation

Installers will love Rockfon Blanka. Once again, the reason is the unique super-white smooth surface of the tiles which is perfectly **non-directional** with no pattern. Rockfon Blanka tiles can be installed in any direction, saving installation time and reducing scrap.

Rockfon Blanka is also “installer resistant”. The tiles can withstand exposure to worksite dust thanks to the anti-static properties of the coating. Rockfon Blanka also resists up to 100% relative humidity (RH) without bending.

A tile that's pointed the wrong way can make the ceiling look 'off.

Architect Kristin Gausdal chose Rockfon Blanka for the new headquarters of a major telecoms company in Stockholm because of the panel's whiteness, its ability to remain as white and for the non-directional fleece.

See architects and others discuss their bright ideas on the Rockfon Blanka website.





Project Debdon Army Reserve Centre, Angletterre
Product Rockfon Blanka dB 42 / A-edge



Built to last

Once installed, a Rockfon Blanka ceiling is a dream to own. Thanks to their outstanding level of **dirt** and **stain resistance** the tiles can put up with everyday wear and tear ensuring building owners a long product lifecycle and a 15 year warranty. The anti-static coating resists dust and dirt and can be wiped off with a damp cloth-no special detergents required. Rockfon Blanka has been tested for surface durability and comes out top of its class offering customers high durability and a long product lifecycle.

All Rockfon Blanka panels are made to the high environmental standards that have enabled a representative selection of Rockfon products to receive the Danish Indoor Climate Label and the Finnish Indoor Climate Label (M1). The stone wool tiles are made from up to 42% recycled materials and are fully recyclable.

I was immediately
attracted to the tile's
ability to withstand dirt.

Architect Toke Peelen chose Rockfon Blanka for the Volvo Mobility Centre showroom renovation in Rotterdam because of the panel's ability to withstand the wear and tear of an auto dealership.

See architects and others discuss their bright ideas on the Rockfon Blanka website.

Rockfon Blanka®



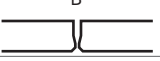

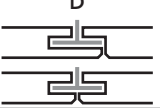
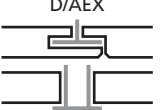


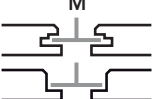
- Smooth, deep-matt, super-white surface with high light reflection and light diffusion, which contributes to energy savings and a bright and comfortable indoor environment
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of dimensions and edges for 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

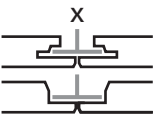
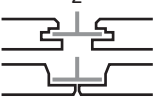
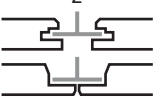
- Office
- Healthcare
- Education
- Leisure
- Retail

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™
		2,3	50 / 100	Rockfon® System XL T24 A™
	1200 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A™
		2,3	50 / 100	Rockfon® System Bandraaster A™
	1800 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A™
		2,3	50 / 100	Rockfon® System Bandraaster A™
		2,3	50 / 100	Rockfon® System XL T24 A™
		2,3	50 / 100	Rockfon® System T24 A™
	2400 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A™
		2,3	50 / 100	Rockfon® System Bandraaster 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™
		2,8	53 / 100	Rockfon® System Ultraline E™
	1200 x 600 x 20	2,8	53 / 100	Rockfon® System T15 E™
		2,8	53 / 100	Rockfon® System Ultraline E™
 E24	600 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
		2,8	60 / 100	Rockfon® System XL T24 E™
	1200 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
		2,8	60 / 100	Rockfon® System T24 E™
	1500 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E™
		2,8	60 / 100	Rockfon® System XL T24 E™
	1800 x 600 x 20	2,8	60 / 100	Rockfon® System 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™
1200 x 1200 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™

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

Other dimensions are available on request. Please contact Rockfon.

Edge detail	Module size (mm)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation system
	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™
	1800 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X™
		3,7	104 / 104	Rockfon® System T24 X DLC™
	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™
	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)



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

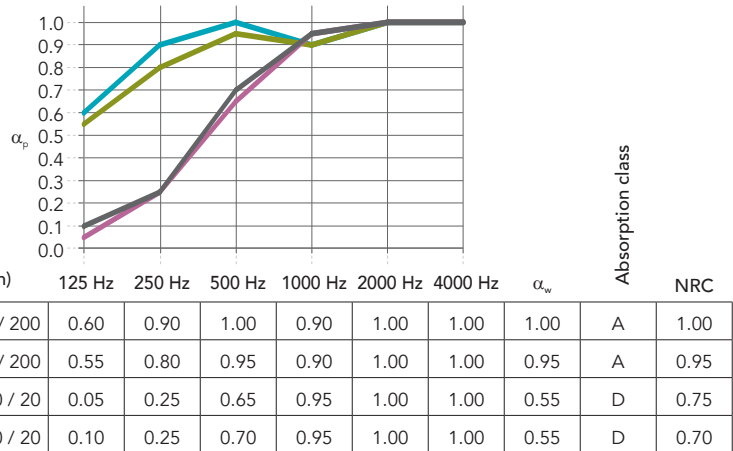


Surface durability
Enhanced durability and dirt resistance.

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.


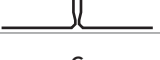





Visual appearance
Super-white surface
L value: 94.5
The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

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

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™
B 	600 x 600 x 40	6,4	44 / not demountable	Rockfon® System Bandraester A™
	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.





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