

DATASHEET

Rockfon MediCare® Plus



Sounds Beautiful

Rockfon MediCare® Plus

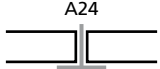

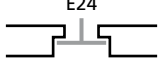

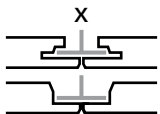

- For demanding healthcare applications requiring cleaning with damp cloth using standard detergents and specialist dry steam cleaning
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- High sound absorption/Class A sound absorption and highest fire safety (Class A1)
- 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 | Recycled content | Cradle to Cradle Certified® | A1-A3 Production stage impact (kg CO ₂ eq/m ²)* | A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)* |
|--|------------------|-----------------------------|--------------------------|--|------------------|---|--|---|
|  A24 | 600 x 600 x 20 | 2,3 | 50 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | 37% |  | 2,24 | 2,8 |
| | 1200 x 600 x 20 | | 50 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | | | | |
| | 1800 x 600 x 20 | | 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) | 37% | | 2,77 | 3,49 |
| | 2400 x 600 x 25 | | 50 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | | | | |
|  E24 | 600 x 600 x 20 | 2,8 | 60 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | 37% |  | 2,97 | 3,77 |
| | 1200 x 600 x 20 | | 60 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | | | | |
|  X | 600 x 600 x 22 | 3,7 | 66 / 66 | Rockfon® System T24 X™ | 37% |  | 3,19 | 4,05 |
| | | | 1200 x 600 x 22 | 104 / 104 | | | | |
| | 1200 x 600 x 22 | | | 66 / 66 | | | | |
| | | | 1200 x 600 x 22 | 104 / 104 | | | | |

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.

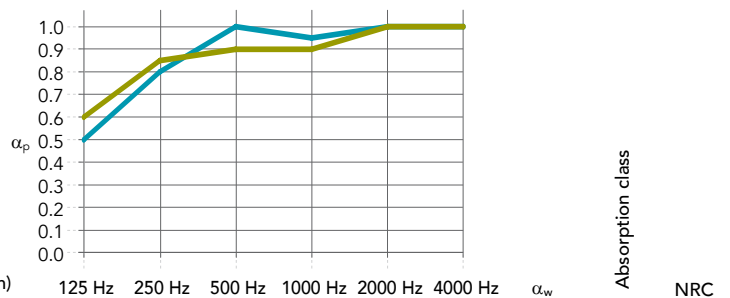
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/cee-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : up to 1.00 (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 |
|--|--------|--------|--------|---------|---------|---------|------------|------------------|------|
| 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/0N



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



Recyclability
 Fully recyclable stone wool



Indoor environment
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



Material Health
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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