

DATASHEET

Rockfon® MediCare® Plus



Sounds Beautiful

Rockfon® MediCare® Plus

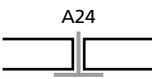
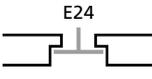
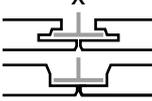
- For demanding healthcare applications requiring cleaning with damp cloth using standard detergents and specialist dry steam cleaning (compliant with HTM 10 and HTM 60)
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Class A sound absorption and highest fire safety (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)* | | | | | | | |
|---|------------------|-----------------------------|---|--|------------------|---|--|---|-----|---------|----------------------------|-----|---|------|------|
|  | 1200 x 600 x 20 | 2.3 | 50 / 100 | Rockfon® System T24 A™ | 32% |  | 2.24 | 2.8 | | | | | | | |
| | 600 x 600 x 20 | | 50 / 100 | Rockfon® System T24 A™ | | | | | | | | | | | |
| | 1200 x 600 x 20 | | 50 / 100 | Rockfon® System T24 A™ | | | | | | | | | | | |
| | 600 x 600 x 20 | | 50 / 100 | Rockfon® System XL T24 A™ | | | | | | | | | | | |
| | 1200 x 600 x 20 | | 50 / 100 | Rockfon® System T24 A, E ECR™ | | | | | | | | | | | |
| | 600 x 600 x 20 | | 50 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | | | | | | | | | | | |
| | 1200 x 600 x 20 | | 50 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | | | | | | | | | | | |
| | 600 x 600 x 20 | | 50 / 100 | Rockfon® System T24 A, E ECR™ | | | | | | | | | | | |
| | 1800 x 600 x 20 | | 50 / 100 | Rockfon® System T24 A™ | | | | | | | | | | | |
| | | | 50 / 100 | Rockfon® System XL T24 A™ | | | | | | | | | | | |
| | | | 50 / 100 | Rockfon® System MediCare T24 A, E™ (ECR) | | | | | | | | | | | |
| | | | 50 / 100 | Rockfon® System T24 A, E ECR™ | | | | | | | | | | | |
|  | 600 x 600 x 20 | 2.8 | 50 / 100 | Rockfon® System T24 A™ | 34% |  | 2.97 | 3.77 | | | | | | | |
| | | | 60 / 100 | Rockfon® System T24 A, E ECR™ | | | | | | | | | | | |
| | | |  | 600 x 600 x 22 | | | | | 3.7 | 31 / 31 | Rockfon® System T24 X™ | 34% |  | 3.19 | 4.05 |
| | | | | | | | | | | 31 / 31 | Rockfon® System T24 X DLC™ | | | | |

MS = Minimum Suspension

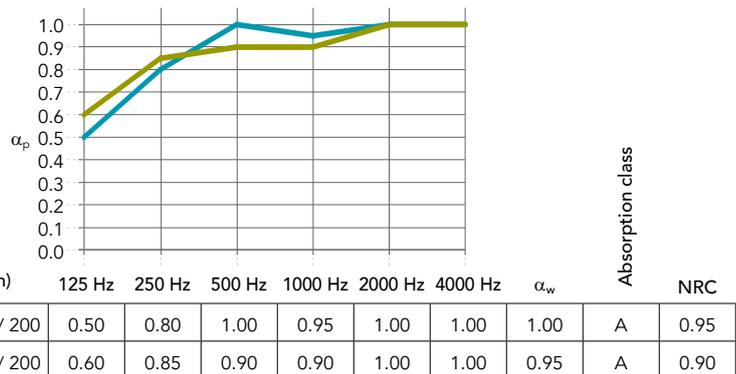
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/uk-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



Reaction to fire
 A1



Fire protection
 The fire resistant properties of stone wool ensure Rockfon ceiling tiles provide fire protection in construction. The fire protection properties of Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms depending on requirements in national building codes. Some sizes and edge details of Rockfon MediCare Plus can be used with various Chicago Metallic grids and Rockfon systems to create a 30 and/or 60 minutes fire protecting ceiling in accordance with BS 476 Part 21 and Part 23. They can also be used to create a 30 minutes fire protecting membrane ceiling (integrity only) in accordance with BS 476 Part 22.



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.



Surface durability
 Enhanced durability and dirt resistance.



Clean Room
 ISO Class 3



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.



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 technical checklist A20 and the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with safe fibre EU regulation and hold a EUCEB certification.

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