

DATASHEET

# Rockfon® MediCare® Standard



**Sounds Beautiful**

# Rockfon® MediCare® Standard




- Fulfils all standard cleaning and hygienic requirements for use in healthcare environments (compliant with HBN 10 and HTM 60)
- 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)
- Standard 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 <sup>2</sup> ) | MS / MS easy access (mm) | Recommended installation System          |
|---|------------------|-----------------------------|--------------------------|--|
|    | 600 x 600 x 15   | 2.0                         | 50 / 100                 | Rockfon® System T15 A™                   |
|    | 600 x 600 x 15   | 2.0                         | 50 / 100                 | Rockfon® System T24 A™                   |
|   |                  | 2.0                         | 50 / 100                 | Rockfon® System MediCare T24 A, E™ (ECR) |
|   |                  | 2.0                         | 50 / 100                 | Rockfon® System XL T24 A™                |
|   | 1200 x 600 x 15  | 2.0                         | 50 / 100                 | Rockfon® System MediCare T24 A, E™ (ECR) |
|   |                  | 2.0                         | 50 / 100                 | Rockfon® System T24 A™                   |
|   | 600 x 600 x 15   | 2.2                         | 58 / 100                 | Rockfon® System T15 E™                   |
|   | 1200 x 600 x 15  | 2.2                         | 58 / 100                 | Rockfon® System T15 E™                   |
|  | 600 x 600 x 15   | 2.2                         | 58 / 100                 | Rockfon® System T24 E™                   |
|   |                  | 2.2                         | 58 / 100                 | Rockfon® System MediCare T24 A, E™ (ECR) |
|   |                  | 2.2                         | 58 / 100                 | Rockfon® System XL T24 E™                |
|   | 1200 x 600 x 15  | 2.2                         | 58 / 100                 | Rockfon® System T24 E™                   |
|   |                  | 2.2                         | 58 / 100                 | Rockfon® System MediCare T24 A, E™ (ECR) |

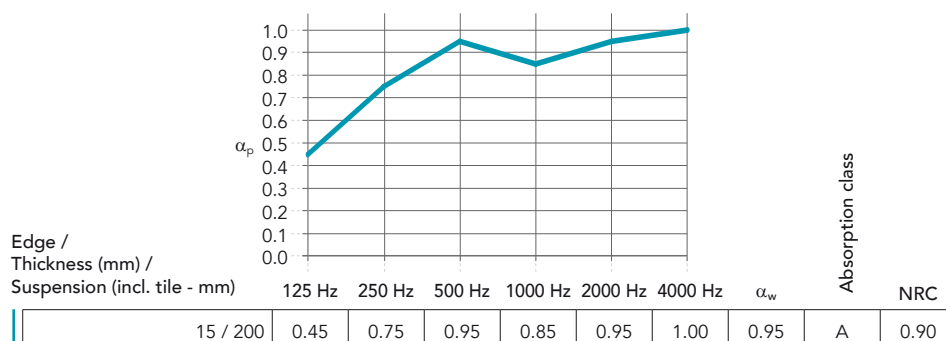
MS = Minimum Suspension



## Performance



**Sound absorption**  
 $\alpha_w$ : 0.95 (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 Standard can be used with various Chicago Metallic grids and Rockfon systems to create a 30 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**  
 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 CO<sub>2</sub> eq. (based on third party verified EPD)  
 Cradle-to-Grave 2.65 - 3.19 kg of CO<sub>2</sub> 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



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