

DATASHEET

Rockfon® MediCare® Air



Sounds Beautiful

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- 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. (compliant with HTM 10 and HTM 60). For use in operating theatres, seek client approval
- 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)
- Standard 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
 <p>A24</p>	600 x 600 x 25	2.7	50 / 100	Rockfon® System T24 A™
		2.7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1200 x 600 x 25	2.7	50 / 100	Rockfon® System T24 A™
		2.7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)

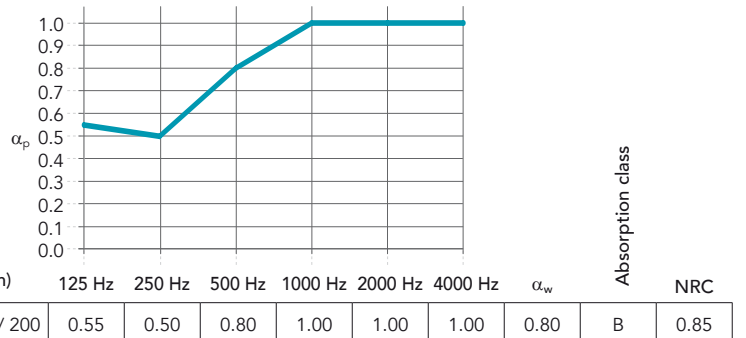
MS = Minimum Suspension



Performance



Sound absorption
 α_w : 0.80 (Class B)



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.



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



Air pressure
 Suitable in areas where differential pressure is required. When used in combination with closed neoprene foam tape and:

- HDC 2 for the 25 mm tile; or
- HDC 7 for the 40 mm tile,

the air leakage rate of less than 0.5m³/h/ m²/Pa under a pressure range of 5 to 40 Pa is achieved. The amount of hold down clips (HDC) depends on the tile dimensions and the room size/shape. 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



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