

DATASHEET

# Rockfon® MediCare® Air



**Sounds Beautiful**

# Rockfon® MediCare® Air



- 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 <sup>2</sup> )	MS / MS easy access (mm)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*	A1-C4 Full life cycle impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*
 A24	1200 x 600 x 25	2.7	50 / 100	Rockfon® System T24 A™	33%		2.77	3.49
	600 x 600 x 25		50 / 100	Rockfon® System T24 A™				
	1200 x 600 x 25		50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)				
	600 x 600 x 25		50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)				

MS = Minimum Suspension

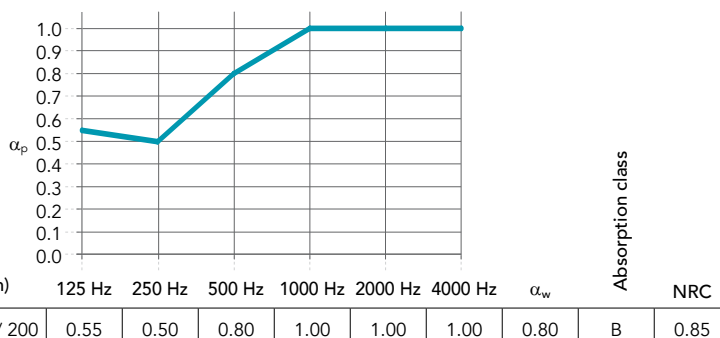
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/uk-epd](https://rockfon.link/uk-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 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 0.5m<sup>3</sup>/h/ m<sup>2</sup>/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.



**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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