

DATASHEET

# Rockfon CleanSpace® Air



**Sounds Beautiful**

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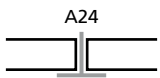

- A high-quality, smooth white acoustic ceiling tile
- Rockfon CleanSpace Air is designed for use in pressurised healthcare environments and where differential air pressure is required
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Fulfilling the requirements of Zone 4 (very high risk). Microbiological class M1
- Allows for rigorous cleaning with standard detergents and effectively disinfected by dry steam cleaning
- Class B sound absorption (25 mm) and Class A for 40 mm and highest fire safety (Class A1)

## 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
- Industry

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	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> )*
 <p>A24</p>	600 x 600 x 25	2.7	Rockfon® System CleanSpace T24 A, E (ECR)™	33%		2.9	3.64
	1200 x 600 x 25		Rockfon® System CleanSpace T24 A, E (ECR)™				

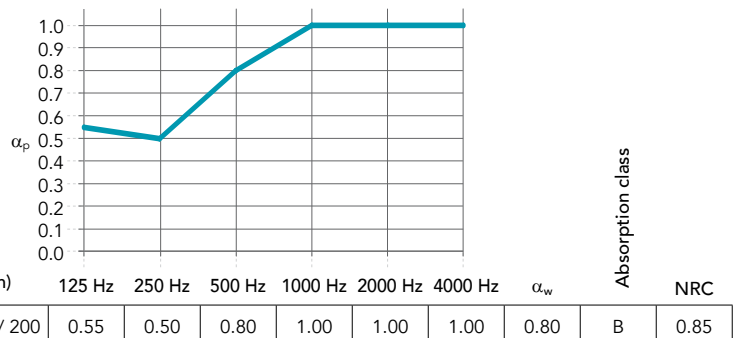
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/int-epd](https://rockfon.link/int-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 0.80 (Class B)



**Reaction to fire**  
 A1



**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: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (2x Weekly disinfection):
  - Active chlorine 2,6%
  - Quaternary ammonium 0,25%
  - Hydrogen peroxide 5%
  - Ethanol 70%
  - Isopropanol 70%
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



**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.



**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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