

DATASHEET

# Rockfon CleanSpace® Block



**Sounds Beautiful**

# Rockfon CleanSpace® Block


- Rockfon CleanSpace Block is specifically designed for use in high-risk, air pressure controlled environments such as cleanrooms and laboratories where there are demanding sanitation requirements
- Very low particle emission: ISO Class 2
- Resistance to stringent detergents and disinfectants, resulting in 'Excellent' chemical resistance classification
- Does not contribute to the growth of microorganisms

## Product Description

- Mineral wool tile encased within an air- and watertight inert film

## Application Areas

- Healthcare
- Industry

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	MS / MS easy access (mm)	Recommended installation system
 A24	600 x 600 x 25	2,0	100 / 100	Rockfon® System CleanSpace T24 A, E (ECR) <sup>™</sup>
	1200 x 600 x 25		100 / 100	Rockfon® System CleanSpace T24 A, E (ECR) <sup>™</sup>

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable



# Performance



**Sound absorption**  
 $\alpha_w$ : 0,90 (Class A)



**Reaction to fire**  
 B-s1,d0



**Light reflection**  
 74%



**Humidity and sag resistance**  
 Up to 100% RH.  
 No visible deflection in high humidity



**Cleaning**

- Vacuum
- Damp cloth
- Steam cleaning (twice a year)
- Low pressure foam cleaning (twelve times a year)
- High pressure cleaning (monthly and only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- Chemical resistance: Tested according to ISO 2812-1 ("Determination of resistance to liquids - Part 1: Immersion in liquids other than water") and classification in accordance with VDI 2083 Part 17. Results are classified as 'Excellent' with the following detergents and disinfectants (daily disinfection):
  - Formalin (37%)
  - Ammonia (25%)
  - Hydrogen peroxide (30%)
  - Sulphuric acid (5%)
  - Phosphoric acid (30%)
  - Peracetic acid (15%)
  - Hydrochloric acid (5%)
  - Isopropanol (100%)
  - Sodium hydroxide (5%)
  - Sodium hypochlorite (15%)
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



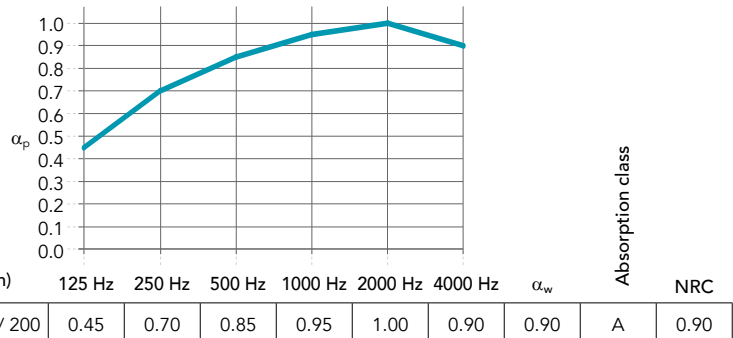
**Hygiene**

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*
- *E. Coli*
- *Bacillus cereus*

M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



**Surface durability**

The high performance inert film of Rockfon CleanSpace Block provides enhanced durability and water-repellence. The film contains DMAc (CAS 127-19-5) in a concentration  $\geq 0.1\%$  and  $< 1\%$  by weight.



**Disinfection**

- Resistant to using Hydrogen Peroxide Vapor disinfection without impact on aeration time
- Can withstand and will not be affected by UVC and Ozone disinfection



**Clean Room**  
 ISO Class 2



**Air pressure**

Suitable in areas where differential pressure is required. When used in combination with:

- HDC 2 for the 25 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.

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