

DATASHEET

Rockfon® CleanSpace™ Block



Sounds Beautiful

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- 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 ²) | MS / MS easy access (mm) | Recommended installation System |
|--|------------------|-----------------------------|--------------------------|--|
| A24  | 600 x 600 x 25 | 2.0 | 50 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |
| | 1200 x 600 x 25 | 2.0 | 50 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |

MS = Minimum Suspension

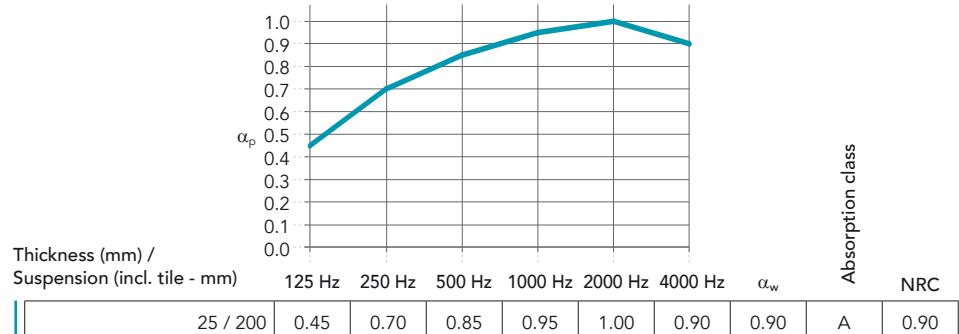


Performance



Sound absorption

α_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%)



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



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.



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 $0.5\text{m}^3/\text{h} / \text{m}^2/\text{Pa}$ 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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