

DATASHEET

Rockfon MediCare® Block



Sounds Beautiful

Rockfon MediCare® Block

- Specifically designed for use in high-risk, pressurised healthcare environments where high cleanability is required such as emergency rooms, washing facilities and intensive care
- Does not contribute to the growth of MRSA, Clean Room Classification ISO Class 2
- Very good cleanability properties for most stringent cleaning methods, chemical resistance classification 'Excellent'

Product Description

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

Application Areas

- Healthcare

Edges	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 MediCare T24 A, E (ECR)
	1200 x 600 x 25		50 / 100	Rockfon® System MediCare T24 A, E (ECR)

MS = Minimum suspension

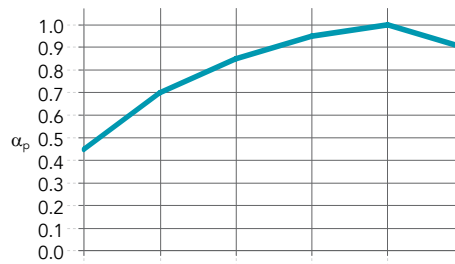
MS easy access = Minimum suspension - tiles demountable

Performance



Sound absorption

α_w : 0,90 (Class A)



Thickness (mm) /
Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
25 / 200	0.45	0.70	0.85	0.95	1.00	0.90	0.90	A	0.90



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
- Dry steam cleaning (daily)
- Resistant to disinfection using Hydrogen Peroxide Vapour, with no impact on aeration time
- 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%)



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



Surface durability

The high performance inert film of Rockfon MediCare 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.



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; or
- HDC 7 for the 40 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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