

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 (compliant with HBN 00-10 Part B and NSHC). **For use in operating theatres, seek client approval**
- 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'
- Fulfills sound absorption criteria for healthcare environments (compliant with HTM 08-01)

## Product Description

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

## Application Areas

- Healthcare

Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System
 A24	600 x 600 x 25	2.0	50 / 100	Rockfon® System T24 A, E ECR
	1200 x 600 x 25		50 / 100	Rockfon® System MediCare T24 A, E (ECR)
			50 / 100	Rockfon® System T24 A, E ECR
			50 / 100	Rockfon® System MediCare T24 A, E (ECR)

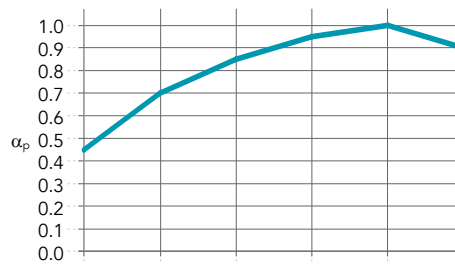
MS = Minimum Suspension



## Performance



**Sound absorption**  
 $\alpha_w$ : 0.90 (Class A)



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	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;  
 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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