

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 10 and HTM 60). 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'

## Product Description

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

## Application Areas

- Healthcare

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	50 / 100	Rockfon® System T24 A, E ECR™
		2.0	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1200 x 600 x 25	2.0	50 / 100	Rockfon® System T24 A, E ECR™
		2.0	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)

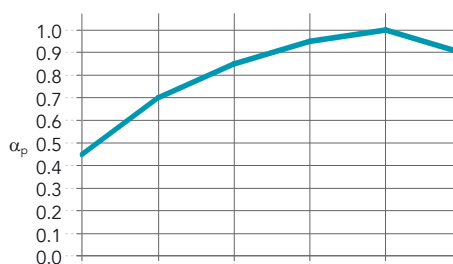
MS = Minimum Suspension



## 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%)



**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.



**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



**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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