

Rockfon MediCare Plus



Rockfon MediCare Plus provides superior surface cleanability for improved infection control in hygiene-sensitive and demanding healthcare settings such as recovery wards, emergency rooms and treatment units. With low-emission ISO Clean Room Class 3, Rockfon MediCare Plus is dry steam cleanable and resistant to typical diluted chemical cleaning agents used in infection-controlled environments. The stone wool core and fleece surfaces provide no sustenance for mould or bacteria, including Methicillin Resistant Staphylococcus Aureus (MRSA). The characteristics of Rockfon MediCare tiles make them well suited to meet the requirements of PC1 and PC2 laboratories as they possess a smooth durable surface, whilst being non-brittle, water-repellent, and cleanable.

Physical Description

- Stone wool tile
- Visible side: Micro-textured white water-repellent painted fleece
- Rear side: back fleece
- Painted edges

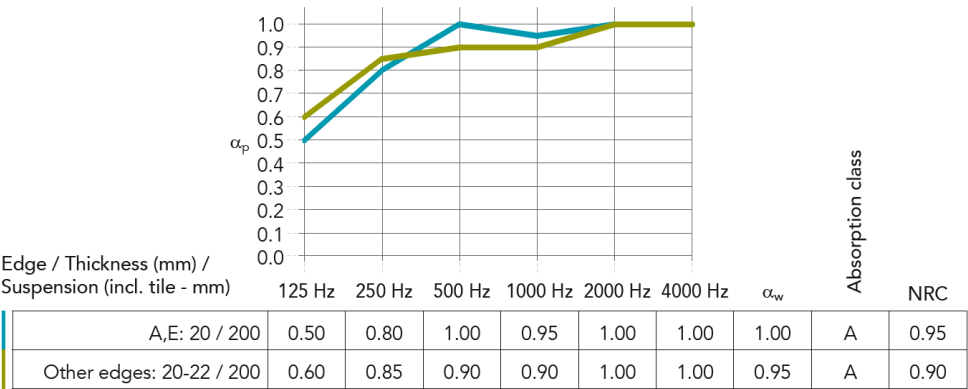
Application Areas

- Healthcare
 - Recovery wards
 - Emergency rooms
 - Treatment units
- Medical and Scientific Laboratories
 - PC1 and PC2 Suitable

Acoustic Properties




NRC: Up to NRC 0.95 to ISO354



What is Rockfon?

All Rockfon products comprise a non-combustible stone wool core that is non-hygroscopic and provides no sustenance for mould and microbes. The use of a backing fleece improves product performance and resilience, ensuring panels remain free from fractures and site-damage where panels are subject to frequent demounting. Products will maintain dimensional stability in environments with fluctuating humidity up to RH100. All Rockfon materials are warranted against manufacturing defects for 15-years and have a declared service life of not less than 50-years

Material Properties




Stone wool is non-hygroscopic and provides no sustenance for microbes


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


The bactericidal and fungicidal effect of dry steam cleaning meets the requirements of NF EN 14561 (>5 log10) and NF EN 14562 (> 4 log10), meaning the disinfection is very effective.



Clean Room Class 3 to ISO 14644-1




RH100 humidity and sag resistance from 0-40°C to EN 13964. No on-site acclimatisation required




Vacuum and damp cloth clean.
Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide
Steam cleanable (twice a year)


Rockfon MediCare Plus




Recycled content between 29% and 64% according to ISO 14021. 100% recyclable at end-of-life




Non-combustible core to AS1530.1 Group 1 to AS5637.1:2015




LEED v4.0 Certification. Low emission




Thermal R-Value: 0.50m2K/W
Based on 20mm materials



Light Reflectance 85% to ISO 7724-2



Enhanced durability, dirt and water-repellent surface

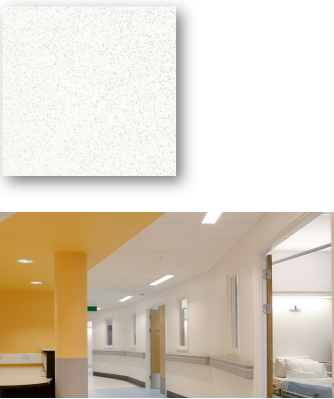


Up to 15-years warranty against manufacturing faults
Refer to warranty and installation guidelines

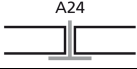
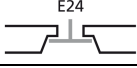

Example Specification Wording

CT-01 Acoustic Ceiling Tile
Material: Rockfon MediCare Plus
Format: 1200 x 600mm Square Lay-In A24 edge
Finish: Smooth white non-perforated water-repellent fleece to front, and buff rear fleece
Sound Absorption: Up to 0.95NRC to ISO 354
Light Reflectance: 85% to ISO 7724-2
Clean Room: Class 3 to ISO 14644-1
Moisture: RH100 sag-resistant non-hygroscopic antimicrobial stone wool core
Cleanability: Vacuum, dry steam, damp cloth and chemical cleaning
Fire: Non-combustible core to AS1530.1 & Group 1 to AS5637.1:2015
Warranty: Up to 15-years against manufacturing defects and visible sag
Lead Time: Typically Stocked Item—Allow 14-weeks for project quantities
Sustainability: Recycled content between 29% and 64% according to ISO 14021
Contact: Modern Supplies - 1300 305 557 / technical@modern.supplies

Example Images



Format Options

Edge Detail*	Panel Format (mm)*	Pack Size	Approximate Weight (kg/m2)	T-Grid Description
	600 x 600 x 20	24pcs (8.64m2)	2.3	Square Lay-In 24mm T-grid
	1200 x 600 x 20	12pcs (8.64m2)		
	600 x 600 x 20	12pcs (4.32m2)	2.8	Recessed Lay-In 24mm T-grid
	1200 x 600 x 20	12pcs (8.64m2)		
	600 x 600 x 22	10pcs (3.60m2)	3.7	Fully-concealed on 24mm T-grid
	1200 x 600 x 22	10pcs (7.20m2)		

*Additional edges and formats on request. Please contact Modern Supplies for information and availability



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