

Rockfon® MediCare® Plus

Datasheet



Sounds Beautiful

Rockfon® MediCare® Plus

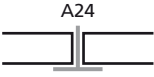

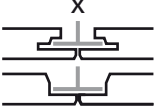
- For demanding healthcare applications requiring cleaning with damp cloth using standard detergents and specialist dry steam cleaning
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Class A sound absorption and highest fire safety (Class A1)
- Full range of formats in concealed, semi-concealed and visible grid options

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: back fleece
- Sealed edges

Application Areas

- Healthcare

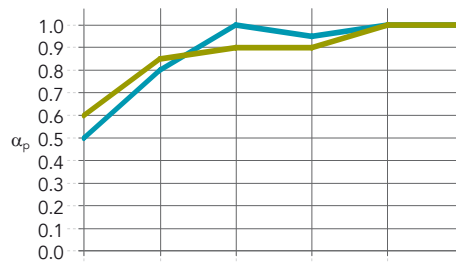
Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System
 <p>A24</p>	600 x 600 x 20	2.3	Chicago Metallic™ T24 1812
	1200 x 600 x 20	2.3	Rockfon® System T24 A™
		2.3	Chicago Metallic™ T24 1812
	2.3	Rockfon® System T24 A™	
 <p>E24</p>	600 x 600 x 20	2.8	Chicago Metallic™ T24 1812
	1200 x 600 x 20	2.8	Rockfon® System T24 E™
		2.8	Chicago Metallic™ T24 1812
	2.8	Rockfon® System T24 E™	
 <p>X</p>	600 x 600 x 22	3.7	Chicago Metallic™ T24 1812
	1200 x 600 x 22	3.7	Chicago Metallic™ T24 3830
		3.7	Chicago Metallic™ T24 1812
		3.7	Chicago Metallic™ T24 3830



Performance



Sound absorption
 α_w : up to 1.00 (Class A)



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

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
A,E: 20 / 200	0.50	0.80	1.00	0.95	1.00	1.00	1.00	A	0.95
Other edges: 20-22 / 200	0.60	0.85	0.90	0.90	1.00	1.00	0.95	A	0.90



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity. There will always be some dust/dirt on the panels after some time, and with regular exposure to high humidity this could lead to fungi growth. Please avoid condensation on the panel
 C/0N



Cleaning

- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide



Hygiene
 Stone wool provides no sustenance to microorganisms
 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.



Surface durability
 Enhanced durability and dirt resistance.



Clean Room
 ISO Class 3



Environment
 Fully recyclable stone wool
 The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
 Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint
 2.43 - 3.17 kg of CO2 eq.
 (cradle to gate based on EPD)



Indoor environment
 A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products



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