

Rockfon® MediCare® Plus

Datasheet



Sounds Beautiful

Rockfon® MediCare® Plus

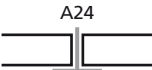


- For demanding healthcare applications requiring cleaning with damp cloth using standard detergents and specialist dry steam cleaning (compliant with HTM 60)
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Class A sound absorption and highest fire safety (Class A1)
- 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)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation System
 A24	600 x 600 x 20	2.3	50 / 100	Rockfon® System T24 A™
		2.3	50 / 100	Rockfon® System XL T24 A™
		2.3	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	1200 x 600 x 20	2.3	50 / 100	Rockfon® System T24 A, E ECR™
		2.3	50 / 100	Rockfon® System T24 A™
		2.3	50 / 100	Rockfon® System T24 A™
		2.3	50 / 100	Rockfon® System T24 A, E ECR™
	1800 x 600 x 20	2.3	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
		2.3	50 / 100	Rockfon® System T24 A™
		2.3	50 / 100	Rockfon® System XL T24 A™
		2.3	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	2100 x 600 x 25	2.3	50 / 100	Rockfon® System T24 A, E ECR™
		2.7	50 / 100	Rockfon® System T24 A™
		2.7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
	2400 x 600 x 25	2.7	50 / 100	Rockfon® System T24 A, E ECR™
		2.7	50 / 100	Rockfon® System T24 A™
		2.7	50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)
		2.7	50 / 100	Rockfon® System T24 A, E ECR™
 E24	600 x 600 x 20	2.8	60 / 100	Rockfon® System T24 A, E ECR™
		2.8	60 / 100	Rockfon® System T24 E™
 X	600 x 600 x 22	3.7	31 / 31	Rockfon® System T24 X™
		3.7	31 / 31	Rockfon® System T24 X DLC™

MS = Minimum Suspension

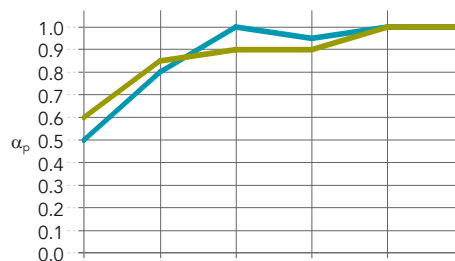


Performance



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: 20-25 / 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



Fire protection

The fire resistant properties of stone wool ensure Rockfon ceiling tiles provide fire protection in construction. The fire protection properties of Rockfon ceilings have been tested and classified in accordance with European norm EN 13501-2 and/or national norms depending on requirements in national building codes. Some sizes and edge details of Rockfon MediCare Plus can be used with various Chicago Metallic grids and Rockfon systems to create a 30 and/or 60 minutes fire protecting ceiling in accordance with BS 476 Part 21 and Part 23. They can also be used to create a 30 minutes fire protecting membrane ceiling (integrity only) in accordance with BS 476 Part 22.



Light reflection

85%



Humidity and sag resistance

Up to 100% RH.

No visible deflection in high humidity
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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