

DATASHEET

# Rockfon MediCare® Plus



**Sounds Beautiful**

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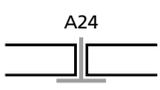
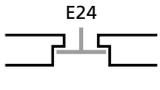
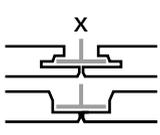
- For demanding healthcare applications requiring cleaning with damp cloth using standard detergents and specialist dry steam cleaning
- Does not contribute to the growth of MRSA, low particle emission (ISO Class 3)
- Class A sound absorption and highest fire safety (Class A1)
- Full range of formats 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 <sup>2</sup> )	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*	A1-C4 Full life cycle impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*
 A24	600 x 600 x 20	2.3	Rockfon® System XL T24 A	37%		2.24	2.8
	1200 x 600 x 20		Rockfon® System T24 A, E ECR				
	1800 x 600 x 20		Rockfon® System Maxispan T24 A, E				
	2100 x 600 x 25	2.7	Rockfon® System MediCare T24 A, E (ECR)				
	2400 x 600 x 25		Rockfon® System MediCare T24 A, E (ECR)				
 E24	600 x 600 x 20	2.8	Rockfon® System MediCare T24 A, E (ECR)	37%		2.97	3.77
	1200 x 600 x 20		Rockfon® System T24 A, E ECR				
			Rockfon® System MediCare T24 A, E (ECR)				
 X	600 x 600 x 22	3.7	Rockfon® System T24 X	37%		3.19	4.05
	1200 x 600 x 22		Rockfon® System T24 X DLC				
			Rockfon® System T24 X				
			Rockfon® System T24 X DLC				

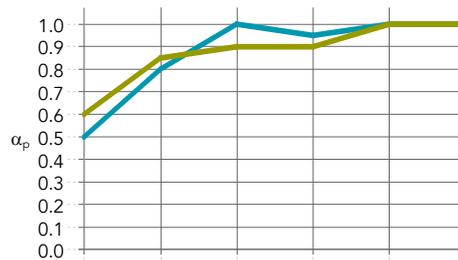
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/int-epd](https://rockfon.link/int-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 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	$\alpha_w$	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.  
 C/0N



**Cleaning**

- Vacuum
- Damp cloth
- 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



**Recyclability**  
 Fully recyclable stone wool



**Indoor environment**  
 Rockfon ceiling products are classified in Class E1 in accordance with EN 13964 (EN 717-1). Rockfon ceiling products have a very low release of VOCs. A selection of Rockfon products have achieved the following performance levels and labels in indoor air emissions:



**Material Health**  
 All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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