

DATASHEET

# Rockfon MediCare® Plus



**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 10 and 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 <sup>2</sup> )	MS / MS easy access (mm)	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> )*							
	1200 x 600 x 20	2.3	50 / 100	Rockfon® System T24 A™	32%		2.24	2.8							
	600 x 600 x 20		50 / 100	Rockfon® System T24 A™											
	1200 x 600 x 20		50 / 100	Rockfon® System T24 A™											
	600 x 600 x 20		50 / 100	Rockfon® System XL T24 A™											
	1200 x 600 x 20		50 / 100	Rockfon® System T24 A, E ECR™											
	600 x 600 x 20		50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)											
	1200 x 600 x 20		50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)											
	600 x 600 x 20		50 / 100	Rockfon® System T24 A, E ECR™											
	1800 x 600 x 20		50 / 100	Rockfon® System T24 A™											
			50 / 100	Rockfon® System XL T24 A™											
			50 / 100	Rockfon® System MediCare T24 A, E™ (ECR)											
			50 / 100	Rockfon® System T24 A, E ECR™											
	600 x 600 x 20	2.8	50 / 100	Rockfon® System T24 A™	34%		2.97	3.77							
			60 / 100	Rockfon® System T24 A, E ECR™											
				600 x 600 x 22					3.7	31 / 31	Rockfon® System T24 X™	34%		3.19	4.05
										31 / 31	Rockfon® System T24 X DLC™				

MS = Minimum Suspension

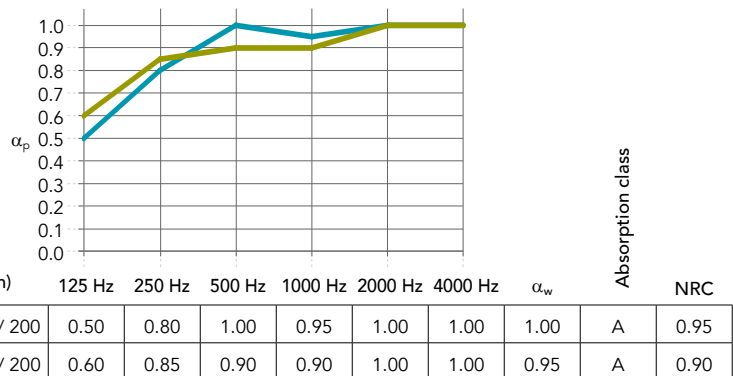
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/uk-epd](https://rockfon.link/uk-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : up to 1.00 (Class A)



**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
- Steam cleaning (twice a year)
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine, quaternary ammonium and hydrogen peroxide.



**Surface durability**  
 Enhanced durability and dirt resistance.



**Clean Room**  
 ISO Class 3



**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.



**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 technical checklist A20 and the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with safe fibre EU regulation and hold a EUCEB certification.

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