

DATASHEET

# Rockfon MediCare® Standard



**Sounds Beautiful**

# Rockfon MediCare® Standard

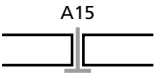

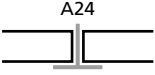

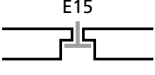

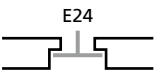

- Fulfills all standard cleaning and hygienic requirements for use in healthcare environments (compliant with HBN 00-10 Part B and NSHC))
- Does not contribute to the growth of MRSA and ensures low particle emission (ISO Class 5)
- Fulfills sound absorption criteria for healthcare environments (compliant with HTM 08-01) and highest Reaction to fire (Class A1)
- Standard range of tile dimensions in semi-concealed and visible grid options

## Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted 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> )*
	600 x 600 x 15	2.0	50 / 100	Rockfon® System T15 A	40%		2.31	2.78
	600 x 600 x 15	2.0	50 / 100	Rockfon® System T24 A	40%		2.31	2.78
			50 / 100	Rockfon® System MediCare T24 A, E (ECR)				
			50 / 100	Rockfon® System XL T24 A				
	1200 x 600 x 15		50 / 100	Rockfon® System MediCare T24 A, E (ECR)				
			50 / 100	Rockfon® System T24 A				
	600 x 600 x 15	2.2	58 / 100	Rockfon® System T15 E	40%		2.7	3.31
	1200 x 600 x 15		58 / 100	Rockfon® System T15 E				
	600 x 600 x 15	2.2	58 / 100	Rockfon® System T24 E	40%		2.7	3.31
			58 / 100	Rockfon® System XL T24 E				
			58 / 100	Rockfon® System MediCare T24 A, E (ECR)				
			58 / 100	Rockfon® System T24 E				
	1200 x 600 x 15		58 / 100	Rockfon® System MediCare T24 A, E (ECR)				

MS = Minimum Suspension

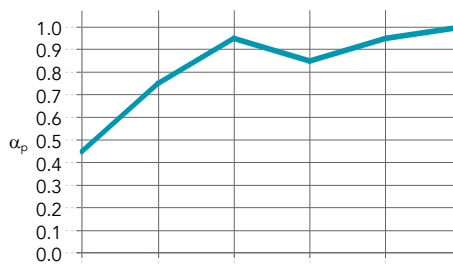
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/uk-epd](https://rockfon.link/uk-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : 0.95 (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
15 / 200	0.45	0.75	0.95	0.85	0.95	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 Standard can be used with various Chicago Metallic grids and Rockfon systems to create a 30 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**  
 86%



### Humidity and sag resistance

Up to 100% RH.  
 No visible deflection in high humidity  
 C/0N



### Cleaning

- Vacuum
- Damp cloth
- Chemical resistance: Tested according to ISO 2812-3:2019 and classified in accordance with EN 12720. Rating on a scale from 1 to 5, where 5 is the best. We obtained 5 for the following detergents and disinfectants (quarterly disinfection):
  - Active chlorine 2,6%
  - Hydrogen peroxide 5%
  - Ethanol 70%
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



### 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



### Clean Room

ISO Class 5



### 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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