

DATASHEET

# Rockfon® CleanSpace™ Pure



**Sounds Beautiful**

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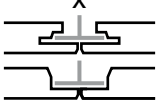

- Rockfon CleanSpace Pure is a smooth, deep-matt, pure white cleanable ceiling tile with good acoustic properties. Applicable in various room types with cleanability requirements. The product is long-lasting and withstands numerous cleaning and disinfection methods
- Full range of dimensions and edges for complete design freedom
- High sound absorption (Class A) and highest fire safety (Class A1)
- Low particle emission: ISO Class 3

## Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

## Application Areas

- Healthcare
- Education
- Leisure
- Retail

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	1200 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E™	36%		2.25	2.84
	600 x 600 x 20		Rockfon® System CleanSpace T24 A, E™				
	1200 x 600 x 40	4.1	Rockfon® System CleanSpace T24 A, E™	39%		3.85	4.99
	600 x 600 x 40		Rockfon® System CleanSpace T24 A, E™				
 E24	1200 x 600 x 20	2.8	Rockfon® System CleanSpace T24 A, E™	37%		2.96	3.74
	600 x 600 x 20		Rockfon® System CleanSpace T24 A, E™				
 X	1200 x 600 x 22	3.7	Chicago Metallic™ T24 3830	37%		3.23	4.34
	600 x 600 x 22		Chicago Metallic™ T24 3830				
	1200 x 600 x 22		Chicago Metallic™ T24 1812				
	600 x 600 x 22		Chicago Metallic™ T24 1812				

MS - Minimum Suspension

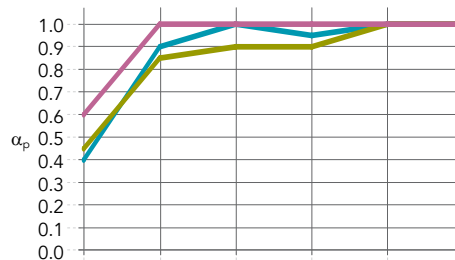
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/int-epd](https://rockfon.link/int-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



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



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	0.40	0.90	1.00	0.95	1.00	1.00	1.00	A	0.95
X: 22 / 200	0.45	0.85	0.90	0.90	1.00	1.00	0.95	A	0.95
A: 40 / 200	0.60	1.00	1.00	1.00	1.00	1.00	1.00	A	1.05



**Reaction to fire**  
 A1



**Light reflection and light diffusion**  
 86% light reflection  
 >99% light diffusion



**Humidity and sag resistance**  
 Up to 100% RH.  
 No visible deflection in high humidity.  
 C/0N



**Cleaning**

- Vacuum
- Damp cloth
- High pressure cleaning (monthly and only applicable for A-edge installation). Max. 80 bar, min. 1 meter distance, water spread at 30° angle, max. water flow 360 L/h. The tiles should be clipped into the grid.
- 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 (weekly disinfection): Active chlorine 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%



**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*
- *E. Coli*
- *Bacillus cereus*

M1 (zone 4) for the 5 tested pathogens.

The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013.



**Clean Room**  
 ISO Class 3



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

Wet-scrub resistance: Class 5

The wet-scrub resistance is tested in accordance with EN ISO 11998:2007 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



**Disinfection**

- Resistant to using Hydrogen Peroxide Vapor disinfection with impact on aeration time
- Can withstand and will not be affected by UVC and Ozone disinfection



**Visual appearance**  
 Super-white surface  
 L value: 94.5  
 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light  
 Gloss: 0.8 gloss unit at 85° angle  
 The gloss of the product is tested in accordance with ISO 2813.



**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 EUCB certification.

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