

DATASHEET

Rockfon® CleanSpace™ Pure



Sounds Beautiful

Rockfon® CleanSpace™ Pure



- Rockfon CleanSpace Pure is a long-lasting acoustic ceiling tile solution that is able to endure a variety of cleaning and disinfection methods
- Designed for sanitation, it has a smooth, deep-matt and pure white surface which has the added bonus of high light reflection properties
- 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 and withstands disinfection methods such as Hydrogen Peroxide Vapour (HPV), UVC and Ozone

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)	Weight (kg/m ²)	MS / MS easy access (mm)	Recommended installation System
 A24	600 x 600 x 20	2.3	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 20	2.3	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	600 x 600 x 40	4.1	50 / 200	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 40	4.1	50 / 200	Rockfon® System CleanSpace T24 A, E (ECR)™
 E24	600 x 600 x 20	2.8	60 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
	1200 x 600 x 20	2.8	60 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™
 X	600 x 600 x 22	3.7	67 / 67	Rockfon® System T24 X™
	1200 x 600 x 22	3.7	67 / 67	Rockfon® System T24 X™

MS - Minimum Suspension

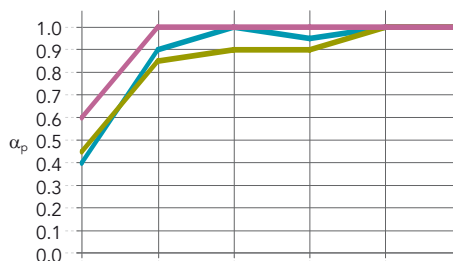


Performance



Sound absorption

α_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	α_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 (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%



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



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).



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



Carbon footprint

Cradle-to-Gate 2.43 - 4.02 kg of CO₂ eq. (based on third party verified EPD)

Cradle-to-Grave 3.19 - 5.38 kg of CO₂ eq. (based on third party verified 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



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.



Diffuse ventilation

Recommended for use in combination with diffuse ventilation-, or cooling solution.



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