

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 <sup>2</sup> )	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

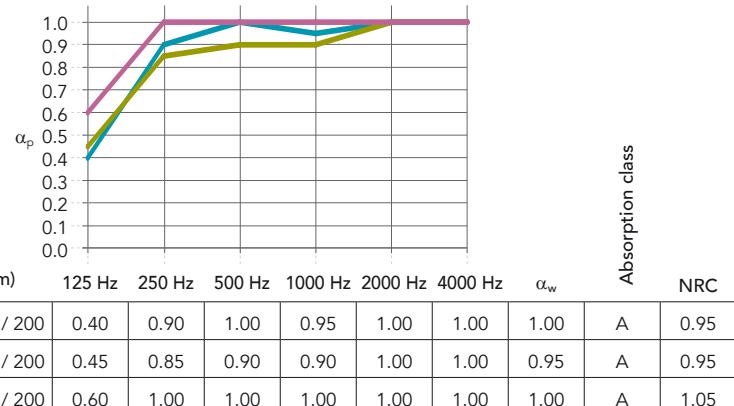


## Performance



### Sound absorption

$\alpha_w$ : up to 1.00 (Class A)



### 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/ON



### 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 CO<sub>2</sub> eq. (based on third party verified EPD)

Cradle-to-Grave 3.19 - 5.38 kg of CO<sub>2</sub> 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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