

DATASHEET

Rockfon® CleanSpace™ Pro



Sounds Beautiful

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- Rockfon CleanSpace Pro is a cleanable ceiling tile with good acoustic properties. Applicable in various practical and industrial room types with cleanability requirements. The product is long-lasting and withstands numerous cleaning and disinfection methods
- Full range of formats in semi-concealed and visible grid options
- High sound absorption (Class A) and highest fire safety (Class A1)
- Low particle emission: ISO Class 4
- Rockfon CleanSpace Pro is HACCP verified ensuring safe application in food- and beverage industry
- Rockfon CleanSpace Pro has an anti-static surface that withstands exposure to dust and enhances the product lifetime

Product Description

- Stone wool tile
- Visible side: micro-textured white painted, water repellent fleece
- Rear side: back fleece
- Sealed edges

Application Areas

- Healthcare
- Education
- Retail
- Leisure
- Industry

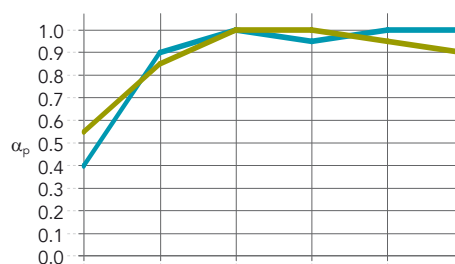
Edge detail	Module size (mm)	Approximate weight (kg/m ²)	Recommended installation System
 <p>A24</p>	600 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E™
	1200 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E™
	600 x 600 x 40	3.3	Rockfon® System CleanSpace T24 A, E™
	1200 x 600 x 40	3.3	Rockfon® System CleanSpace T24 A, E™
 <p>E24</p>	600 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E™
	1200 x 600 x 20	2.3	Rockfon® System CleanSpace T24 A, E™



Performance



Sound absorption
 α_w : 1.00 (Class A)



Edge / 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
A: 40 / 200	0.55	0.85	1.00	1.00	0.95	0.90	1.00	A	0.95



Reaction to fire
 A1



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)
- Low pressure foam cleaning (twelve times a year)
- 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 (monthly disinfection): Active chlorine 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%



Surface durability
 Enhanced durability and dirt resistance.



Disinfection
 - Resistant to using Hydrogen Peroxide Vapor disinfection with impact on aeration time



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 4



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).



Carbon footprint
 Cradle-to-Gate 2.43 - 3.31 kg of CO₂ eq. (based on third party verified EPD)
 Cradle-to-Grave 3.19 - 4.41 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



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