**Rockfon®**

# Rockfon® CleanSpace™ Pro

**Sounds Beautiful**
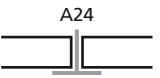
# Rockfon® CleanSpace™ Pro

- 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: smooth white painted, water repellent fleece
- Rear side: back fleece
- Sealed edges

**Application Areas**
- Healthcare
- Education
- Retail
- Leisure
- Industry

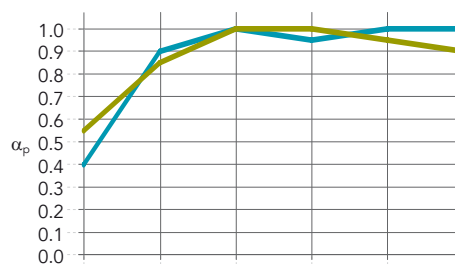| Edge detail | Module size (mm) | Weight (kg/m²) | MS / MS easy access (mm) | Recommended installation System |
|---|---|---|---|---|
| A24 | 600 x 600 x 20 | 2.3 | 50 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |
| | 1200 x 600 x 20 | 2.3 | 50 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |
| | 600 x 600 x 40 | 3.3 | 50 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |
| | 1200 x 600 x 40 | 3.3 | 50 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |
| E24 | 600 x 600 x 20 | 2.3 | 60 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |
| | 1200 x 600 x 20 | 2.3 | 60 / 100 | Rockfon® System CleanSpace T24 A, E (ECR)™ |

*MS = Minimum Suspension*

# Performance

### Sound absorption
$\alpha_w$: 1.00 (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 |
|---|---|---|---|---|---|---|---|---|---|
| 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
- Dry steam cleaning (twice a year)
- Low pressure foam cleaning (twelve times a year)
- 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 (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

### Clean Room
ISO Class 4

### 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.

### 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 $CO_2$ eq. (based on third party verified EPD)
Cradle-to-Grave 3.19 - 4.41 kg of $CO_2$ 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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