

DATASHEET

Rockfon CleanSpace® Essential



Sounds Beautiful

Rockfon CleanSpace® Essential

- Rockfon CleanSpace Essential has a white, gently cleanable, micro-textured surface
- A-edge tile available in standard dimensions
- High sound absorption (Class A) and highest fire safety (Class A1)
- Surface can be cleaned with a damp cloth or vacuumed
- Low particle emission: ISO Class 4
- Up to 100% humidity resistance

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Painted edges (20-25mm)

Application Area

- Education
- Retail
- Leisure

Edges	Module size (mm)	Weight (kg/m ²)	Recommended installation System	Recycled Content	 Full Scope - V 4.0	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
	600 x 600 x 12	1.6	Rockfon® System T15 A	50%	Bronze	1.48	1.85
	1200 x 600 x 12		Rockfon® System T15 A				
	600 x 600 x 20	2.1	Rockfon® System T15 A			2.47	2.97
	1200 x 600 x 20		Rockfon® System T15 A				
	600 x 600 x 12	1.6	Rockfon® System CleanSpace T24 A, E (ECR)	50%	Bronze	1.48	1.85
	1200 x 600 x 12		Rockfon® System CleanSpace T24 A, E (ECR)				
	600 x 600 x 20	2.1	Rockfon® System CleanSpace T24 A, E (ECR)			2.47	2.97
	1200 x 600 x 20		Rockfon® System CleanSpace T24 A, E (ECR)				
	600 x 600 x 25	2.5	Rockfon® System CleanSpace T24 A, E (ECR)			2.87	3.47
	1200 x 600 x 25		Rockfon® System CleanSpace T24 A, E (ECR)				

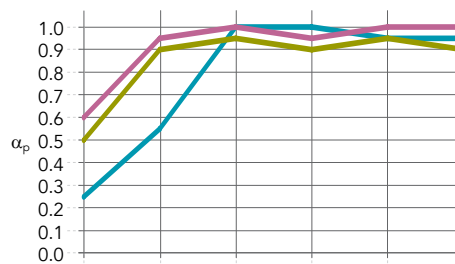
* For full environmental impact disclosure, see our product EPDs available on rockfon.link/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance



Sound absorption
 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
12 / 100	0.25	0.55	1.00	1.00	0.95	0.95	0.85	B	0.90
A,E: 20 / 200	0.50	0.90	0.95	0.90	0.95	0.90	0.95	A	0.95
25 / 200	0.60	0.95	1.00	0.95	1.00	1.00	1.00	A	1.00



Reaction to fire
 A1



Light reflection
 85%



Humidity and sag resistance
 Up to 100% RH.
 No visible deflection in high humidity.
 20-25mm: C/0N



Cleaning

- Vacuum
- Damp cloth
- 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 (quarterly disinfection):
 - Active chlorine 2.6%
 - Hydrogen peroxide 5%
 - Ethanol 70%
- Use only soft equipment directly on the tile surface: cloth or sponge. Avoid scraping or stiff brush rubbing.



Hygiene
 Stone wool provides no sustenance to microorganisms



Clean room
 ISO Class 4



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 list of substances restricted under REACH or recognized as Substances of Very High Concern (SVHC) on an ongoing basis. Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

Sounds Beautiful

