Rockfon® CleanSpace Essential

Sounds Beautiful

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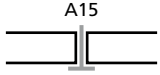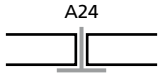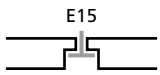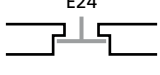
- Rockfon CleanSpace Essential has a white, gently cleanable, smooth surface
- A-edge tile available in standard dimensions
- High sound absorption (Class A) and highest fire safety (Class A1)
- Surface can be cleaned with a damp cloth or vacuumed
- Low particle emission: ISO Class 4
- Up to 100% humidity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

Product Description

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

Application Areas

- Education
- Retail
- Leisure

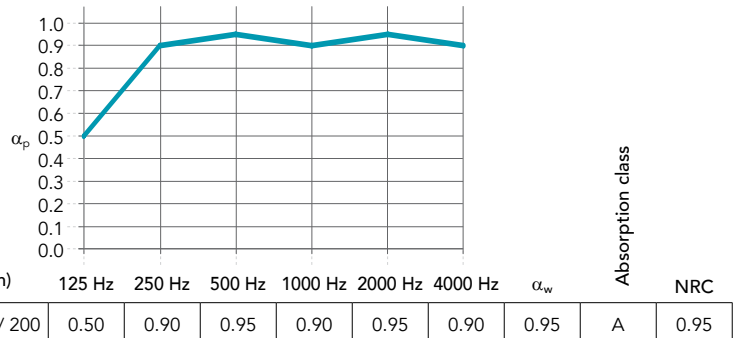| Edge detail	Module size (mm)	Weight (kg/m²)	MS / MS easy access (mm)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO_2 eq/m²)*	A1-C4 Full life cycle impact (kg CO_2 eq/m²)*
A15	600 x 600 x 20	2.1	50 / 100	Rockfon® System T15 A™	41%	CERTIFIED cradle to cradle BRONZE	2.47	2.97
A24	600 x 600 x 20	2.1	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™	41%	CERTIFIED cradle to cradle BRONZE	2.47	2.97
	1200 x 600 x 20		50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™				
E15	600 x 600 x 20	3.0	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™	34%	CERTIFIED cradle to cradle BRONZE	-	-
	1200 x 600 x 20		50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™			-	-
E24	600 x 600 x 20	3.0	60 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™	34%	CERTIFIED cradle to cradle BRONZE	-	-
	1200 x 600 x 20		60 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™			-	-

MS = Minimum Suspension

* For full environmental impact disclosure, see our product EPDs available on **rockfon.link/uk-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: 0.95 (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	0.50	0.90	0.95	0.90	0.95	0.90	0.95	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
- 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:

THE INDOOR CLIMATE LABEL

Material Health
All materials used in Rockfon products are screened against the technical checklist A20 and the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with safe fibre EU regulation and hold a EUCEB certification.

Rockfon production facilities are certified according to the ISO 9001 and ISO 14001 management systems standards.

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