

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 Areas

- Education
- Retail
- Leisure

Edge detail	Module size (mm)	Weight (kg/m <sup>2</sup> )	MS / MS easy access (mm)	Recommended installation system	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*	A1-C4 Full life cycle impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*
 A15	600 x 600 x 12	1,6	50 / 100	Rockfon® System T15 A™	50%		1,48	1,85
	1200 x 600 x 12		50 / 100	Rockfon® System T15 A™				
	600 x 600 x 20	2,1	50 / 100	Rockfon® System T15 A™	50%		2,47	2,97
	1200 x 600 x 20		50 / 100	Rockfon® System T15 A™				
 A24	600 x 600 x 12	1,6	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™	50%		1,48	1,85
	1200 x 600 x 12		50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™				
	600 x 600 x 20	2,1	50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™	50%		2,47	2,97
	1200 x 600 x 20		50 / 100	Rockfon® System CleanSpace T24 A, E (ECR)™				
	600 x 600 x 25	2,5	50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™	50%		2,87	3,47
	1200 x 600 x 25		50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™				
	1500 x 600 x 25		50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™				
	1800 x 600 x 25		50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™				
	2100 x 600 x 25		50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™				
	2400 x 600 x 25		50 / 150	Rockfon® System CleanSpace T24 A, E (ECR)™				

MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

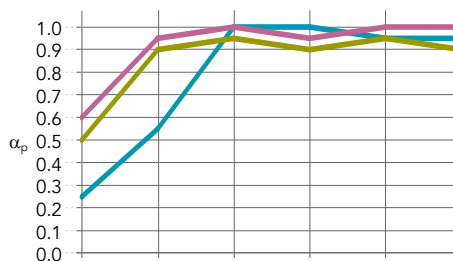
\* For full environmental impact disclosure, see our product EPDs available on [rockfon.link/cee-epd](https://rockfon.link/cee-epd). Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



## Performance



**Sound absorption**  
 $\alpha_w$ : up to 1,00 (Class A)



Thickness (mm) /  
 Suspension (incl. tile - mm)

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	$\alpha_w$	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 and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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