

DATASHEET

Rockfon Blanka®



Sounds Beautiful

Rockfon Blanka®


- Smooth, deep-matt, super-white surface with high light reflection and light diffusion, which contributes to energy savings and a bright and comfortable indoor environment
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of dimensions and edges for complete design freedom
- A non-directional surface that reduces installation time and an anti-static surface that withstands exposure to worksite dust and enhances the product lifetime

Product Description

- Stone wool tile
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

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	2,3	50 / 100	Rockfon® System T15 A	40%		2,24	2,82
	1200 x 600 x 20		50 / 100	Rockfon® System T15 A				
 A24	600 x 600 x 20	2,3	50 / 100	Rockfon® System T24 A	40%		2,24	2,82
	1200 x 600 x 20		50 / 100	Rockfon® System XL T24 A				
			50 / 100	Rockfon® System T24 A				
			50 / 100	Rockfon® System Bandraster A				
			50 / 100	Rockfon® System T24 A				
	1800 x 600 x 20		50 / 100	Rockfon® System Bandraster A				
			50 / 100	Rockfon® System XL T24 A				
	2400 x 600 x 20		50 / 100	Rockfon® System T24 A				
		50 / 100	Rockfon® System Bandraster A					
	1200 x 1200 x 25	2,7	50 / 150	Rockfon® System Bandraster A				2,86
		50 / 150	Rockfon® System T24 A					
 B	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System B Adhesive	40%		2,34	3,38
	1200 x 600 x 20		24 / not demountable	Rockfon® System B Adhesive				
 C	600 x 600 x 20	3,4	24 / not demountable	Rockfon® System C direct	40%		2,34	3,38
	1200 x 600 x 20		24 / not demountable	Rockfon® System C direct				
 D	600 x 600 x 20	3,4	62 / 72	Rockfon® System XL T24 D	40%		2,34	3,38
	1200 x 600 x 20		120 / 120	Rockfon® System T24 Stepped Z D				
			120 / 120	Rockfon® System T24 Stepped Z D				
			1800 x 600 x 20	120 / 120				
	900 x 900 x 25	4,1	120 / 120	Rockfon® System T24 Stepped Z D				3,1
 D/AEX	1200 x 600 x 20	3,4	150 / 150	Rockfon® System Bandraster Dzn/AEX	40%		2,34	3,38
	1500 x 600 x 20		150 / 150	Rockfon® System Bandraster Dzn/AEX				
	1800 x 600 x 20		150 / 150	Rockfon® System Bandraster Dzn/AEX				




MS = Minimum suspension

MS easy access = Minimum suspension - tiles demountable

Other dimensions are available on request. Please contact Rockfon.

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



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)*
 E15	600 x 600 x 20	2,8	53 / 100	Rockfon® System T15 E	40%		3,07	3,86
	1200 x 600 x 20		53 / 100	Rockfon® System Ultraline E				
			53 / 100	Rockfon® System T15 E				
			53 / 100	Rockfon® System Ultraline E				
 E24	600 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E	40%		3,07	3,86
	1200 x 600 x 20	3,4	60 / 100	Rockfon® System XL T24 E				
	1500 x 600 x 20		60 / 100	Rockfon® System T24 E				
	1800 x 600 x 20	2,8	60 / 100	Rockfon® System T24 E				
	2100 x 600 x 25	4,1	60 / 100	Rockfon® System XL T24 E				
			60 / 100	Rockfon® System T24 E				
	2400 x 600 x 25	3,4	60 / 100	Rockfon® System T24 E			3,66	4,64
	900 x 900 x 25		60 / 100	Rockfon® System T24 E				
	1200 x 1200 x 25		60 / 100	Rockfon® System T24 E				
	 M	600 x 600 x 20	3,4	64 / 64			Rockfon® System T24 M	40%
1200 x 600 x 20		64 / 64		Rockfon® System T24 M				
1800 x 600 x 20		64 / 64		Rockfon® System T24 M				
900 x 900 x 25		4,1	64 / 64	Rockfon® System T24 M	3,1	4,41		
 X	600 x 600 x 22	3,7	66 / 66	Rockfon® System T24 X	40%		2,83	4
	1200 x 600 x 22		104 / 104	Rockfon® System T24 X DLC				
			66 / 66	Rockfon® System T24 X				
			104 / 104	Rockfon® System T24 X DLC				
	1800 x 600 x 22	4,1	66 / 66	Rockfon® System T24 X			3,1	4,41
	2100 x 600 x 25		104 / 104	Rockfon® System T24 X DLC				
			66 / 66	Rockfon® System T24 X				
			2400 x 600 x 25	104 / 104				
	66 / 66			Rockfon® System T24 X				
 Z	600 x 600 x 20	3,4	64 / 64	Rockfon® System T24 Z	40%		2,34	3,38
	1200 x 600 x 20		64 / 64	Rockfon® System T24 Z				
	1800 x 600 x 20		64 / 64	Rockfon® System T24 Z				
			64 / 64	Rockfon® System T24 Z				

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Performance



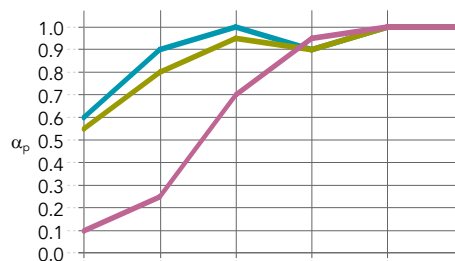
Sound absorption

α_w : up to 1,00 (Class A)



Room to room sound insulation

$D_{n,f,w} = 26$ dB
The sound insulation properties (R_w , $D_{n,f,w}$) presented in the datasheet represent A-edge tiles.
*) Values obtained on the basis of theoretical analysis.



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: 20-25 / 200	0.60	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00
Other edges: 20-25 / 200	0.55	0.80	0.95	0.90	1.00	1.00	0.95	A	0.95
Other edges: 20 / 20	0.10	0.25	0.70	0.95	1.00	1.00	0.55	D	0.70



Reaction to fire

A1



Light reflection and light diffusion

87% light reflection
>99% light diffusion



Humidity and sag resistance

Up to 100% RH.
No visible deflection in high humidity
C/0N



Cleaning

- Vacuum
- Damp cloth



Hygiene

Stone wool provides no sustenance to microorganisms



Surface durability

Enhanced durability and dirt resistance.

Wet-scrub resistance: Class 4

The wet-scrub resistance is tested in accordance with EN ISO 11998:2006 and rated following EN 12720:2009+A1:2013 scale going from 1 to 5, where 5 is the best.



Impact Resistance

Class 3A

Impact resistance of Rockfon Blanka with edge Z or M has been tested in accordance with EN13964 – Annex D and approved as Class 3A.



Visual appearance

Super-white surface

L value: 94.5

The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white).

Deep matt surface, perfect in critical side-light

Gloss: 0.8 gloss unit at 85° angle

The gloss of the product is tested in accordance with ISO 2813.



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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