Rockfon Sonar®

Sounds Beautiful

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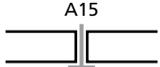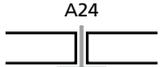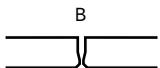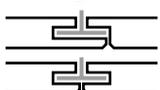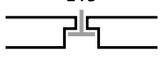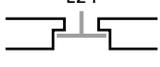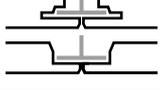- Aesthetic white, micro-textured surface for most applications
- Highest sound absorption/Class A sound absorption and highest fire safety (Class A1)
- Full range of formats and edges for complete design freedom
- Easy to clean with a vacuum and damp cloth

Product Description

- Stone wool tile
- Visible side: micro-textured white painted fleece
- Rear side: back fleece
- Durable painted edges

Application Areas

- Office
- Healthcare
- Education
- Leisure
- Retail

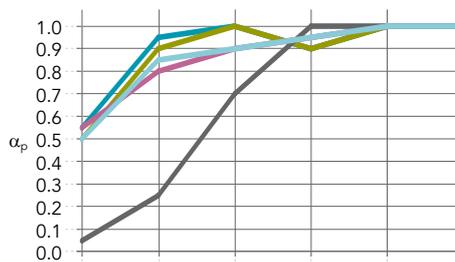| Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO_2 eq/m²)*	A1-C4 Full life cycle impact (kg CO_2 eq/m²)*
A15	600 x 600 x 20	2.3	Rockfon® System T15 A	38%	CERTIFIED cradle to cradle SILVER	2.29	2.88
	1200 x 600 x 20		Rockfon® System T15 A				
A24	600 x 600 x 20	2.3	Rockfon® System T24 A	38%	CERTIFIED cradle to cradle SILVER	2.29	2.88
	1200 x 600 x 20		Rockfon® System T24 A				
B	600 x 600 x 20	3.4	Rockfon® System B Adhesive	38%	CERTIFIED cradle to cradle SILVER	2.57	3.63
	1200 x 600 x 20		Rockfon® System B Adhesive				
D	600 x 600 x 20	3.4	Rockfon® System XL T24 D	38%	CERTIFIED cradle to cradle SILVER	2.57	3.63
	1200 x 600 x 20		Rockfon® System XL T24 D				
E15	600 x 600 x 20	2.8	Rockfon® System T15 E	38%	CERTIFIED cradle to cradle SILVER	3.15	3.94
	1200 x 600 x 20		Rockfon® System T15 E				
	1800 x 600 x 20		Rockfon® System T15 E				
E24	600 x 600 x 20	2.8	Rockfon® System T24 E	38%	CERTIFIED cradle to cradle SILVER	3.15	3.94
	1200 x 600 x 20		Rockfon® System T24 E				
X	600 x 600 x 22	3.7	Rockfon® System T24 X	38%	CERTIFIED cradle to cradle SILVER	3.28	4.39
	1200 x 600 x 22		Rockfon® System T24 X				
	1800 x 600 x 22		Rockfon® System T24 X				

* 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)

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: 20-25 / 200	0.55	0.95	1.00	0.90	1.00	1.00	1.00	A	1.00
E: 20-25 / 200	0.50	0.90	1.00	0.90	1.00	1.00	1.00	A	1.00
X: 22 / 200	0.55	0.80	0.90	0.95	1.00	1.00	0.95	A	0.95
Other edges: 20 / 20	0.05	0.25	0.70	1.00	1.00	1.00	0.55	D	0.75
Other edges: 20-25 / 200	0.50	0.85	0.90	0.95	1.00	1.00	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: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide

Hygiene
Stone wool provides no sustenance to microorganisms

Clean Room
ISO Class 5

Impact resistance
Class 3A (Fastening clip)
Impact resistance of Rockfon Sonar with edge Z or M mounted with fastening clip has been tested in accordance with EN13964 – Annex D and approved as Class 3A.

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

M1 · RTS · EMISSION CLASS FOR BUILDING MATERIAL

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.

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

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