



Rockfon® Sonar®

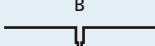
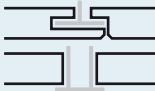
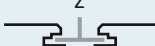
Rockfon® Sonar®

- Available in different edges allows to create the different ceilings layout
- Durable and attractive micro-textured white surface
- Total design freedom thanks to different module sizes, strong and numerous edge details
- Unique combination of fire class A1, best-in-class sound absorption and dimensionally stable even at humidity levels of up to 100%
- Recommended especially for the communal corridors, lobby areas and stairwells

PRODUCT DESCRIPTION

- Stone wool panel
- Visible side: micro-textured white painted fleece with enhanced durability
- Rear side: backing fleece
- Painted edges

ASSORTMENT

Edge detail	Module size (mm)	Weight (kg/m²)	Recommended installation System
A15 	600 x 600 x 20	3.4	Chicago Metallic™ T15 4060
	1200 x 600 x 20	3.4	
A24 	600 x 600 x 20	3.4	Chicago Metallic™ T24 3820
	1200 x 600 x 20	3.4	
B 	600 x 600 x 20	3.4	Rockfon® System B Adhesive™
	1200 x 600 x 20	3.4	
Dznl/A100 	1200 x 300 x 20	3.4	Chicago Metallic™ 100 mm Bandraster 3100
	1200 x 600 x 20	3.4	
	1500 x 300 x 20	3.4	
	1500 x 600 x 20	3.4	
	1800 x 300 x 20	3.4	
	1800 x 600 x 20	3.4	
	2100 x 300 x 25	4.1	
	2100 x 600 x 25	4.1	
	2400 x 300 x 25	4.1	
Dznl/A24 	1200 x 300 x 20	3.4	Chicago Metallic™ 100 mm Bandraster 3100
	1200 x 600 x 20	3.4	
	1500 x 300 x 20	3.4	
	1500 x 600 x 20	3.4	
	1800 x 300 x 20	3.4	
	1800 x 600 x 20	3.4	
	2100 x 300 x 25	4.1	
	2100 x 600 x 25	4.1	
	2400 x 300 x 25	4.1	
E15 	600 x 600 x 20	3.4	Chicago Metallic™ T15 4060
	1200 x 600 x 20	3.4	
E24 	600 x 600 x 20	3.4	Chicago Metallic™ T24 3820
	1200 x 600 x 20	3.4	
M 	600 x 600 x 20	3.4	Chicago Metallic™ T24 3820
	1200 x 600 x 20	3.4	
X 	600 x 600 x 22	3.7	Chicago Metallic™ T24 3820
	1200 x 600 x 22	3.7	
	1800 x 600 x 22	3.7	
Z 	600 x 600 x 20	3.4	Chicago Metallic™ T24 3820
	1200 x 600 x 20	3.4	

Other dimensions are available on request. Please contact Rockfon.



PERFORMANCES



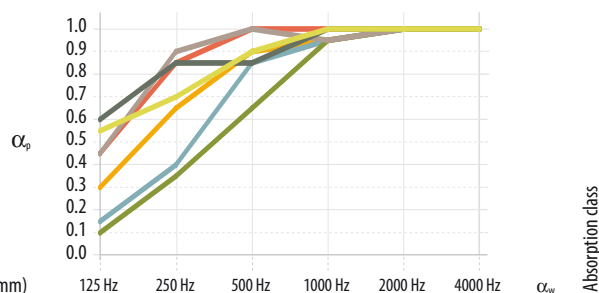
Sound absorption

α_w : up to 1,00 (Class A)



Room to room sound insulation

$D_{n,f,w}$ ($C; C_{tr}$) = 27 (-1;-4) dB



Thickness (mm) / Suspension (incl. tile - mm)	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
20-25 / 200	0.45	0.85	1.00	1.00	1.00	1.00	1.00	A	1.00
20 / 100	0.30	0.65	0.90	0.95	1.00	1.00	0.90	A	0.90
20 / 50	0.15	0.40	0.85	0.95	1.00	1.00	0.70	C	0.80
20 / 24	0.10	0.35	0.65	0.95	1.00	1.00	0.65	C	0.75
X: 22 / 200	0.45	0.90	1.00	0.95	1.00	1.00	1.00	A	0.95
X: 22 / 400	0.60	0.85	0.85	1.00	1.00	1.00	0.95	A	0.90
X: 22 / 600	0.55	0.70	0.90	1.00	1.00	1.00	0.95	A	0.95



Reaction to fire

A1



Light reflection

85%



Humidity and sag resistance

Up to 100% RH
1/C/0N
2/C/0N if panel width and length > 700 mm



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



Environment

Fully recyclable



Indoor environment

A selection of Rockfon products have been awarded



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.

Rockfon Middle East

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