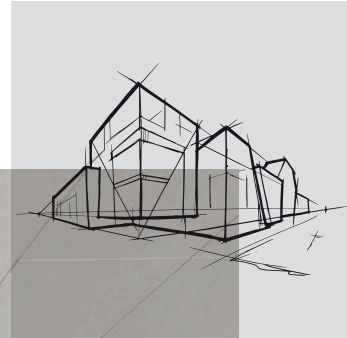


Rockfon® Sonar®

Datasheet



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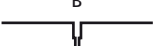
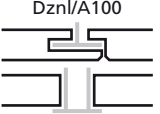





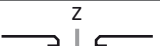
- Available in different edges allows to create the different ceilings layout
- Durable and attractive micro-textured white surface
- Total design freedom thanks to different module sizes, strong and numerous edge details
- Unique combination of fire class A1, best-in-class sound absorption and dimensionally 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

Application Areas

- Retail
- Office
- Leisure
- Education
- Healthcare

Edge detail	Module size (mm)	Weight (kg/m ²)	Recommended installation System
A15 	600 x 600 x 20	3,4	-
	1200 x 600 x 20	3,4	-
A24 	600 x 600 x 20	3,4	-
	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	Rockfon® System B Adhesive™
Dznl/A100 	1200 x 300 x 20	3,4	-
	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	-
	2400 x 600 x 25	4,1	-
Dznl/A24 	1200 x 300 x 20	3,4	-
	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	-
	2400 x 600 x 25	4,1	-
E15 	600 x 600 x 20	3,4	-
	1200 x 600 x 20	3,4	-
E24 	600 x 600 x 20	3,4	-
	1200 x 600 x 20	3,4	-
M 	600 x 600 x 20	3,4	-
	1200 x 600 x 20	3,4	-
X 	600 x 600 x 22	3,7	-
	1200 x 600 x 22	3,7	-
	1800 x 600 x 22	3,7	-
Z 	600 x 600 x 20	3,4	-
	1200 x 600 x 20	3,4	-

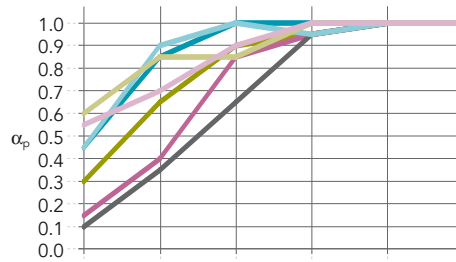


Performance



Sound absorption

α_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	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



Room to room sound insulation

$D_{n,f,w} = 27$ dB



Reaction to fire

A1



Light reflection

85%



Humidity and sag resistance

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



Cleaning

- Vacuum
- Damp cloth
- Chemical resistance:
resistant to diluted solutions
of ammonia, chlorine and
hydrogen peroxide



Hygiene

Stone wool provides no
sustenance to microorganisms



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.



Clean Room

ISO Class 5



Environment

Fully recyclable



Indoor environment

A selection of Rockfon
products have been
awarded the Finnish M1
emission classification for
building materials and the
Danish Indoor Climate Label
for low emission products



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Rockfon Middle East

