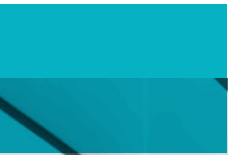


Rockfon[®] Universal[™] Baffle

Datasheet



Sounds Beautiful

Rockfon® Universal™ Baffle

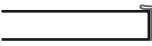

- Creative and innovative acoustic solutions, available Universal White and in 33, subtle to bold, long-lasting colours that will inspire and compliment any open plenum design
- Ideal for thermal mass areas or where frequent or unhindered access to services is required
- Comes with a robust frame that protects the panel edges from damages
- Available with multiple suspension design possibilities

Product Description

- Panel: Smooth white fleece or pre-painted coloured, matt surface
- Frame: White or Color-all powder coated hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Office
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	Weight (kg/unit)	Recommended installation System
 2F	1200 x 300 x 50	1,7	Rockfon® System Universal Baffle™
	1200 x 450 x 50	2,4	Rockfon® System Universal Baffle™
	1200 x 600 x 50	3,4	Rockfon® System Universal Baffle™
 4F	1200 x 300 x 50	2,5	Rockfon® System Universal Baffle™
	1200 x 450 x 50	3,2	Rockfon® System Universal Baffle™
	1200 x 600 x 50	4,0	Rockfon® System Universal Baffle™
	1800 x 300 x 50	3,5	Rockfon® System Universal Baffle™
	1800 x 600 x 50	5,1	Rockfon® System Universal Baffle™

Edge detail 2F = 2 Framed

Edge detail 4F = 4 Framed

Rockfon Universal Baffle, with 2 frames, is only available in white.

Colours (4F)





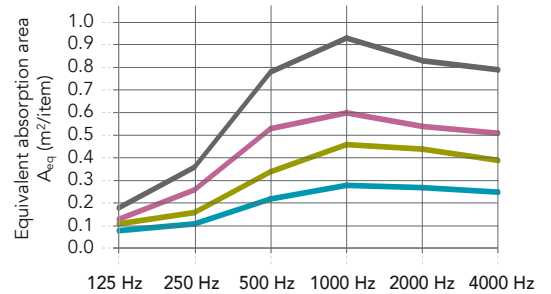
Performance



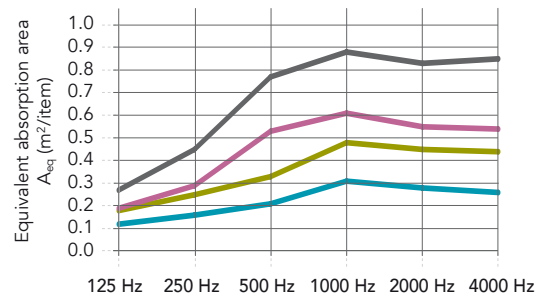
Sound absorption

A_{eq} (m²/item)

C - center distance between baffles' rows,
H - suspension height: net distance between baffle and the soffit



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 (4F) - Baffles in rows, C300, H300	0.08	0.11	0.22	0.28	0.27	0.25
1200x300x50 (4F) - Baffles in rows, C600, H300	0.11	0.16	0.34	0.46	0.44	0.39
1200x600x50 (4F) - Baffles in rows, C600, H300	0.13	0.26	0.53	0.60	0.54	0.51
1200x600x50 (4F) - Baffles in rows, C1200, H300	0.18	0.36	0.78	0.93	0.83	0.79



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x300x50 (4F) - Baffles in rows, C300, H40	0.12	0.16	0.21	0.31	0.28	0.26
1200x300x50 (4F) - Baffles in rows, C600, H40	0.18	0.25	0.33	0.48	0.45	0.44
1200x600x50 (4F) - Baffles in rows, C600, H40	0.19	0.29	0.53	0.61	0.55	0.54
1200x600x50 (4F) - Baffles in rows, C1200, H40	0.27	0.45	0.77	0.88	0.83	0.85



Reaction to fire

A2-s1,d0



Light reflection

White (77%)
Charcoal (4%)
Color-all (Colour dependent)



Cleaning

- Vacuum



Hygiene

Stone wool provides no sustenance to microorganisms



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



Safety against failure

Class B

According to EN13964:2014



Corrosion resistance

Class B (EN13964)



Environment

Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).



Carbon footprint

3.92 kg of CO₂ eq.
(cradle to gate based on EPD)

Rockfon® is a registered trademark
of the ROCKWOOL Group.

06.2021 | All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on license from NCS Colour AB, Stockholm 2012 or the RAL colour standard. Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.

Sounds Beautiful

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