

DATASHEET

Rockfon® Universal Baffle



Sounds Beautiful

Rockfon® Universal Baffle

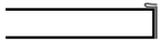
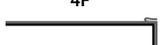
- Creative and innovative acoustic solutions, available Universal White and in 33, subtle to bold, long-lasting colours that will inspire and compliment any open plenum design
- Ideal for thermal mass areas or where frequent or unhindered access to services is required
- Comes with a robust frame that 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)	Approximate weight (kg/unit)	Recommended installation System	Recycled content	Cradle to Cradle Certified®	A1-A3 Production stage impact (kg CO ₂ eq/m ²)*	A1-C4 Full life cycle impact (kg CO ₂ eq/m ²)*
 2F	1200 x 300 x 50	1.7	Rockfon® System Universal Baffle™	37%		2.91	4.06
	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™	39%		2.91	4.06
	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.

* 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.





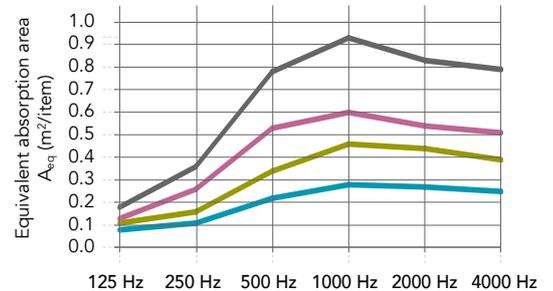
Performance



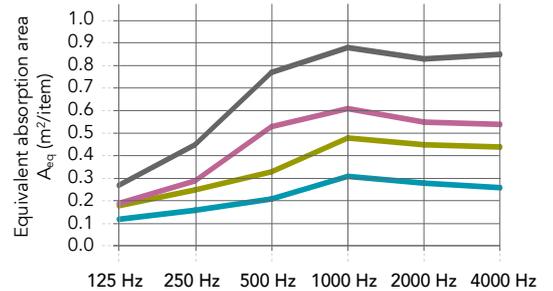
Sound absorption

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



Safety against failure

Class B

According to EN13964:2014



Corrosion resistance

Class B (EN13964)



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 technical checklist A20 and the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with safe fibre EU regulation and hold a EUCEB certification.

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

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