

DATASHEET

Rockfon® Universal Baffle



Sounds Beautiful

Rockfon® Universal Baffle

- Innovative acoustic solution, ideal for thermal mass areas or where frequent or unhindered access to services is required.
- Comes with a protective frame in two formats, either two end-capped (2F) or four fully framed edges (4F).
- Available with multiple suspension design possibilities.

Product Description

- Panel: Smooth white fleece.
- Frame: White powder coated hot galvanised steel with multi-functional clip that offers several installation methods.

Application Areas

- Office
- Education
- Leisure
- Retail

Edges	Module size (mm)	Weight (kg/unit)	Recommended installation System	Recycled Content	 Full Scope - V 4.0	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	36%	Silver	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	36%	Silver	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

* For full environmental impact disclosure, see our product EPDs available on rockfon.link/cee-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.

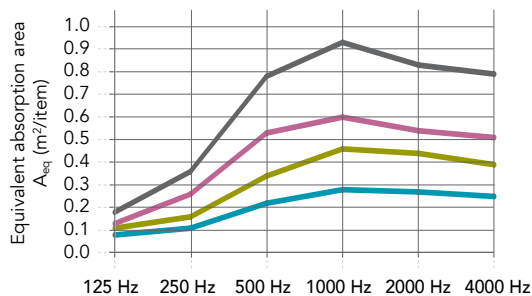


Performance

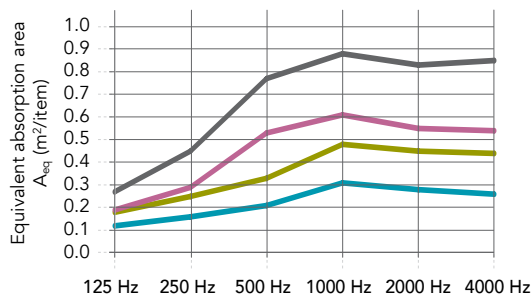


Sound absorption A_{eq} (m²/item)

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 77%



Cleaning - Vacuum



Hygiene Stone wool provides no sustenance to microorganisms



Safety against failure B/Pass According to EN13964:2014



Corrosion resistance Class B (EN13964)



Recyclability Fully recyclable stone wool



Indoor environment Universal Baffle has a low release of VOCs and have achieved the following labels in indoor air emissions:



Material Health All materials used in Rockfon products are screened against the list of substances restricted under REACH or recognized as Substances of Very High Concern (SVHC) on an ongoing basis. Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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