

DATASHEET

Rockfon® Universal Baffle



Sounds Beautiful

Rockfon® Universal Baffle


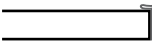

- Innovative acoustic solution, ideal for thermal mass areas or where frequent or unhindered access to services is required.
- Comes with a protective frame in two formats, either two end-capped (2F) or four fully framed edges (4F).
- Available with multiple suspension design possibilities.

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
	1800 x 300 x 50	3.5	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 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/uk-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance

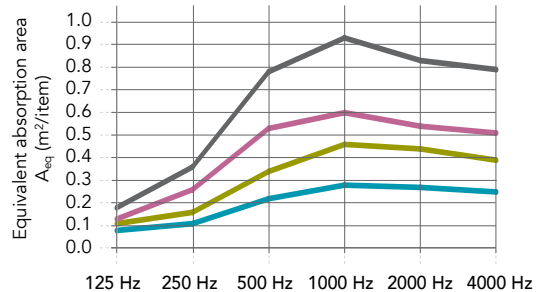


Sound absorption

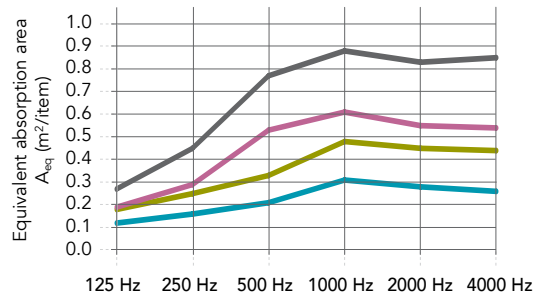
A_{eq} (m²/item)

C - centre distance between baffle rows,
H - suspension height: net distance between
baffle and soffit

The sound absorption of the 2F baffles is on a
par and would be no worse than the 4F versions
for which sound absorption data is quoted.



	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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