

DATASHEET

Rockfon® Universal Baffle



Sounds Beautiful

Rockfon® Universal Baffle

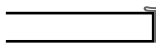



- Creative and innovative acoustic solutions, available in Universal White and the 33 inspiring colours from the Rockfon Color-all range
- Bold, long-lasting colours that will inspire and complement any open plenum design
- Ideal for thermal mass areas or where frequent or unhindered access to services is required
- Supplied in two formats, either two end-capped (2F) or four fully framed edges (4F), colour matched to the baffle
- Available with multiple suspension design possibilities

Product Description

- Baffle: Smooth white fleece or pre-painted coloured, matt surface
- Frame: White or Rockfon Color-all powder coated hot galvanised steel with multi-functional clip that enables several installation methods.

Application Areas

- Office
- Education
- Leisure
- Retail

Edge detail	Module size (mm)	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
	1800 x 300 x 50	3.5	Rockfon® System Universal Baffle™	37%			
	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

Rockfon Universal Baffle, in 2F format, is only available in white.

* 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.

Colours (4F)





Performance

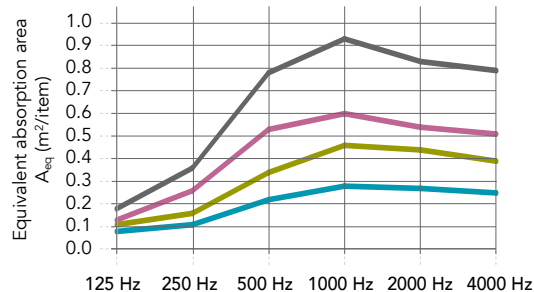


Sound absorption

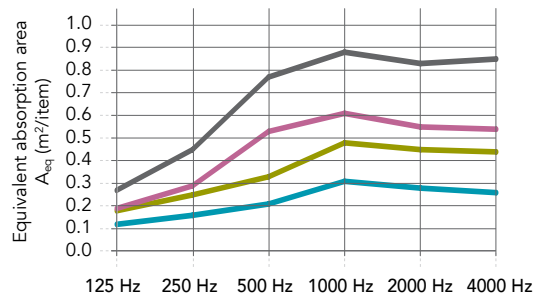
A_{eq} (m²/item)

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.



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



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.

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