Rockfon

Rockfon® Universal Baffle
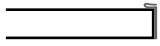

Sounds Beautiful
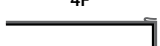
Rockfon® Universal Baffle

- 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/m²)*	A1-C4 Full life cycle impact (kg CO_2 eq/m²)*
2F	1200 x 300 x 50	1.7	Rockfon® System Universal Baffle™	36%	CERTIFIED cradle to cradle 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%	CERTIFIED cradle to cradle 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™	36%			
	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.*
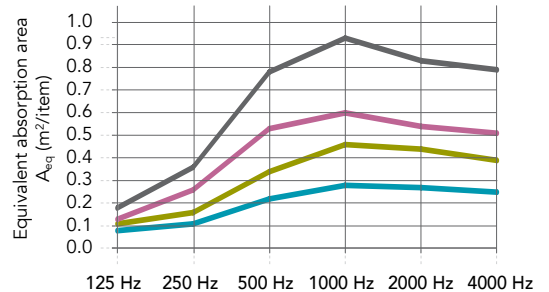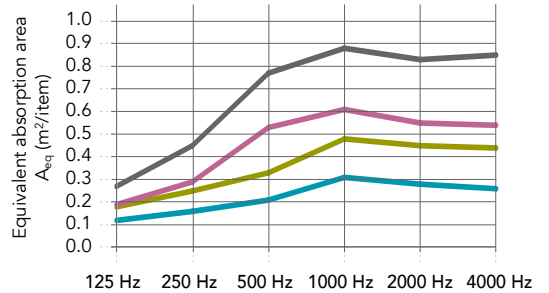
White   Charcoal

Performance

Sound absorption
A_{eq} (m^2/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:

THE INDOOR CLIMATE LABEL

M1 · EMISSION CLASS FOR BUILDING MATERIAL · RTS ·

Material Health
All materials used in Rockfon products are screened against the list of substances restricted under REACH and do not contain substances of very high concern (SVHC). Rockfon stone wool fibres comply with the safe fibre EU regulation and hold an EUCEB certification.

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

Sounds Beautiful

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