

DATASHEET

# Rockfon® Universal Baffle



**Sounds Beautiful**

# Rockfon® Universal Baffle

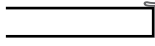



- Creative and innovative acoustic solutions, available Universal White and in 33, subtle to bold, long-lasting colours that will inspire and compliment any open plenum design
- Ideal for thermal mass areas or where frequent or unhindered access to services is required
- Comes with a robust frame that 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 <sub>2</sub> eq/m <sup>2</sup> )*	A1-C4 Full life cycle impact (kg CO <sub>2</sub> eq/m <sup>2</sup> )*
<b>2F</b> 	1200 x 300 x 50	1.7	Rockfon® System Universal Baffle	36%		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				
<b>4F</b> 	1200 x 300 x 50	2.5	Rockfon® System Universal Baffle	36%		2.91	4.06
	1200 x 450 x 50	3.2	Rockfon® System Universal Baffle	36%			
	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](https://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





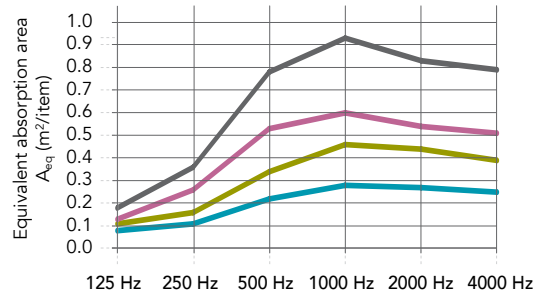
## Performance



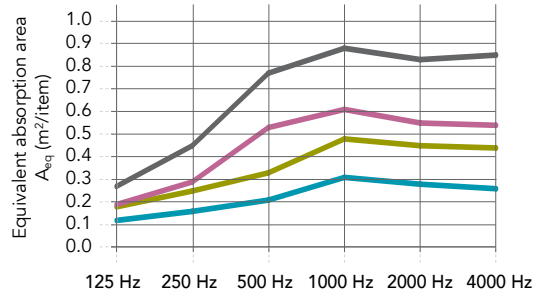
### Sound absorption

$A_{eq}$  (m<sup>2</sup>/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

B/Pass

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 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.

12.2025 | All colour codes mentioned are based on the NCS - Natural Colour System® property of and used on license from NCS Colour AB, Stockholm 2012 or the RAL colour standard. Subject to alterations in range and product technology without prior notice. Rockfon accepts no responsibility for printing errors.

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