

DATASHEET

Rockfon® Industrial Baffle



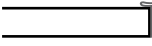
Sounds Beautiful

Rockfon® Industrial Baffle

- Functional acoustic ceiling baffle with two-edged frame (2F) for high-noise industrial environments.
- Available in nuanced white and two size variants.
- Ideal for thermal mass areas or where frequent or unhindered access to services is required.
- Easy and quick to install with multiple standard installation options.

- Product Description**
 - Panel: Nuanced white fleece
 - Frame: Hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas
 - Industry

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 450 x 50	2.6	Rockfon® System Industrial Baffle	39%	Silver	3.5	4.59
	1200 x 600 x 50	3.4	Rockfon® System Industrial Baffle				

Edge detail 2F = 2 Framed

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



Performance

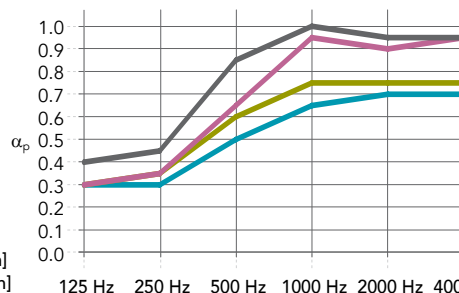


Sound absorption

α_w : up to 0.60 (Class C)*

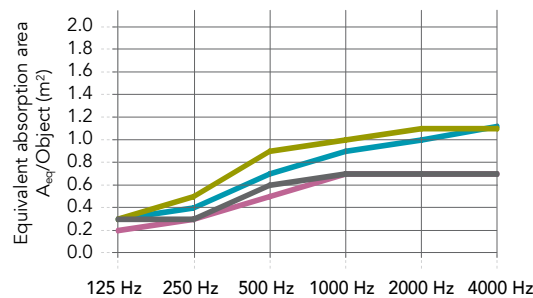
$A_{eq}/Object$ (m²)

* Tested within the restrictions of ISO 354:2003



C = center-to-center [mm]
H = mounting height [mm]

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	Absorption class	NRC
1200x450x50. C1200, H0 *	0.30	0.30	0.50	0.65	0.70	0.70	0.55	D	0.55
1200x600x50. C1200, H0 *	0.30	0.35	0.60	0.75	0.75	0.75	0.60	C	0.60
1200x450x50. C600, H0	0.30	0.35	0.65	0.95	0.90	0.95	0.65	C	0.70
1200x600x50. C600, H0	0.40	0.45	0.85	1.00	0.95	0.95	0.75	C	0.80



C = center-to-center [mm]
H = mounting height [mm]

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x450x50. C1200, H0 *	0.30	0.40	0.70	0.90	1.00	1.11
1200x600x50. C1200, H0 *	0.30	0.50	0.90	1.00	1.10	1.10
1200x450x50. C600, H0	0.20	0.30	0.50	0.70	0.70	0.70
1200x600x50. C600, H0	0.30	0.30	0.60	0.70	0.70	0.70



Reaction to fire

A2-s1,d0



Light reflection

64%



Cleaning

- Vacuum
- Soft brush



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 Industrial Baffle has a low release of VOCs and has 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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