

DATASHEET

Rockfon® Industrial Baffle



Sounds Beautiful

Rockfon® Industrial Baffle

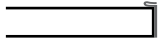

- Functional free-hanging acoustic solutions for noisy industrial environments
- Available in a natural, durable surface
- Ideal for areas where frequent or unhindered access to services is required
- Comes with a variety of quick and easy mounting options

Product Description

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

Application Areas

- Industry

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/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™	38%		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/int-epd. Due to differences in calculation methods and scenario assumptions, environmental impact values are generally not directly comparable between manufacturers.



Performance

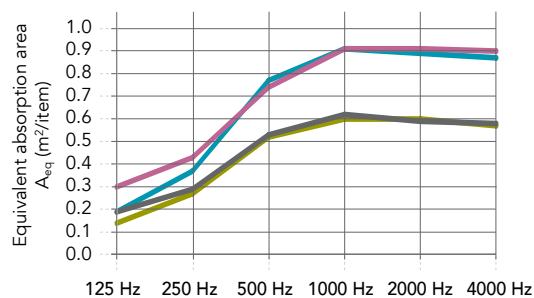


Sound absorption

A_{eq} (m²/item)

C - 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
1200x600x50 (2F) - Baffles in rows, C1200, H300	0.19	0.37	0.77	0.91	0.89	0.87
1200x600x50 (2F) - Baffles in rows, C600, H300	0.14	0.27	0.52	0.60	0.60	0.57
1200x600x50 (2F) - Baffles in rows, C1200, H40	0.30	0.43	0.74	0.91	0.91	0.90
1200x600x50 (2F) - Baffles in rows, C600, H40	0.19	0.29	0.53	0.62	0.59	0.58



Reaction to fire

A2-s1,d0



Light reflection

64%



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.

Sounds Beautiful

