Rockfon®

Part of the ROCKWOOL Group

Rockfon Humitec® Baffle

Datasheet

Sounds Beautiful

Rockfon Humitec® Baffle

- Flexible free-hanging acoustic solutions, perfect for humid or harsh indoor atmospheres or for areas that require regular cleaning
- Built to withstand humid and corrosive Class D environments
- Comes with a robust and durable frame that protects the panel edges from damages and ensures cleanliness
- Ideal for areas where frequent or unhindered access to services is required

Product Description

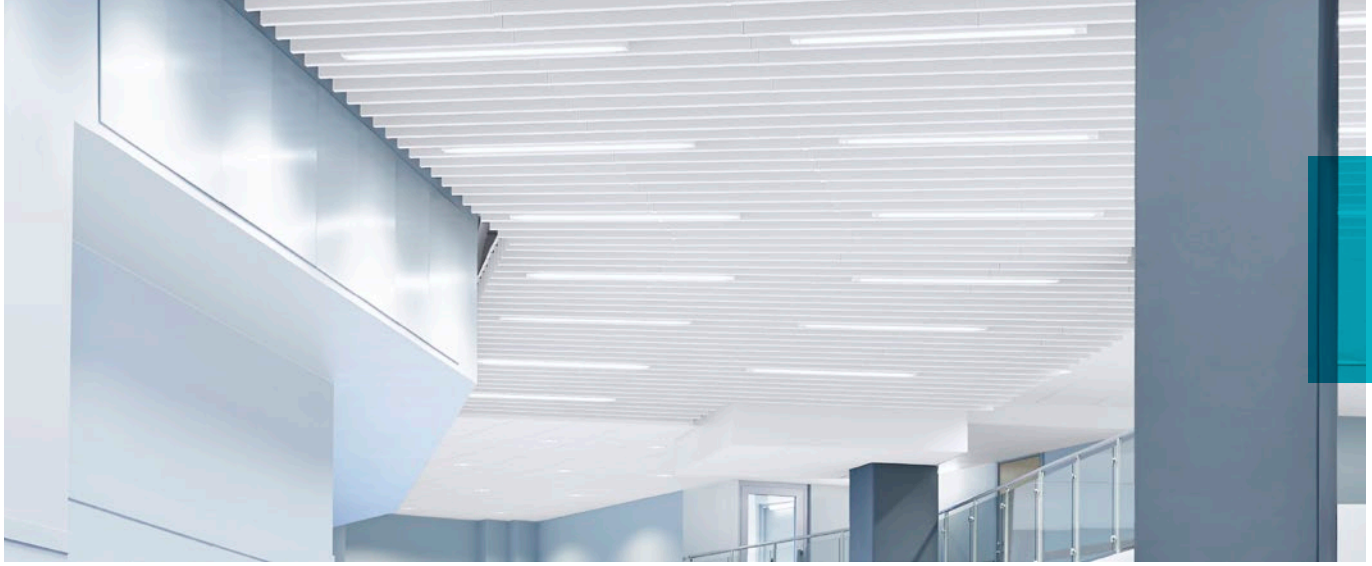
- Panel: Micro-textured white painted, water repellent fleece
- Frame: White powder coated hot galvanised steel with the multi-functional clip that offers several mounting methods.

Application Areas

- Healthcare
- Leisure
- Industry

Edge detail	Module size (mm)	Weight (kg/unit)	Recommended installation system
4F	1200 x 450 x 50	3,4	Rockfon® System Humitec Baffle™
	1200 x 600 x 50	4,2	Rockfon® System Humitec Baffle™

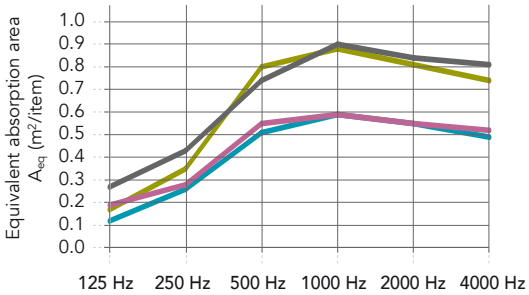
Edge detail 4F = 4 Framed



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
1200x600x50 (4F) - Baffles in rows, C600, H300	0.12	0.26	0.51	0.59	0.55	0.49
1200x600x50 (4F) - Baffles in rows, C1200, H300	0.17	0.35	0.80	0.88	0.81	0.74
1200x600x50 (4F) - Baffles in rows, C600, H40	0.19	0.28	0.55	0.59	0.55	0.52
1200x600x50 (4F) - Baffles in rows, C1200, H40	0.27	0.43	0.74	0.90	0.84	0.81

Reaction to fire
A2-s1,d0

Light reflection
85%

Cleaning
- Vacuum
- Damp cloth
- Dry steam cleaning (twice a year)
- Low pressure foam cleaning
- High pressure cleaning: Max. 80 bar, min. 1 meter distance, water spread at a 30° angle
- Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide

Hygiene
Stone wool provides no sustenance to microorganisms

Surface durability
Enhanced durability and dirt resistance.

Safety against failure
Class D (40°C, 95% RH)

According to EN13964:2014

Corrosion resistance
Class D (EN13964)

Clean Room
ISO Class 2

Environment
Fully recyclable stone wool
The recycled content of Rockfon products is between 29% and 64% according to ISO 14021.
Rockfon acoustic solutions are Cradle to Cradle Certified® Silver and Bronze (depending on product type).

Carbon footprint
3.92 kg of CO2 eq.
(cradle to gate based on EPD)

Indoor environment
A selection of Rockfon products have been awarded the Finnish M1 emission classification for building materials and the Danish Indoor Climate Label for low emission products

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