

BOWIQ

beyond acoustics

Date: September 2017

Product: BoCeiling

Description:

Easy attachable ceiling baffles that improve the acoustics and enhance the design in a space.



Characteristics:

- Made out of 100% recycled PET-material, so environmentally friendly
- Does not cause allergies, skin irritation or respiration problems.
- It does not mold, is free from odor and does not emit gas or emission.
- Easy to clean
- High Sound absorption according to DIN EN ISO354 aw 0,95 – Label A
- Fire resistant according to EN 13501-1(B S1 D0)
- Lambda value: 0,038 w/Mk
- Impact resistant
- Easy installation

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Standard models:

Shape	(L-W-D in mm)
Squire	1200-1200-40

Colors:

White, black & grey

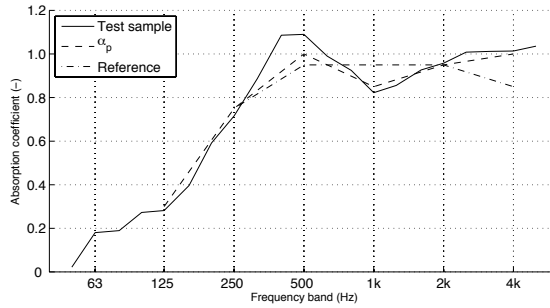
Installation:

Easy installation via the special hanging system

Acoustic properties:

Maximum amount of sound absorption according to DIN EN ISO354 aw 0,95.

Frequency (Hz)	α_s (-)	α_p (-)
50	0.02	
63	0.18	0.15
80	0.19	
100	0.27	
125	0.28	0.30
160	0.40	
200	0.59	
250	0.72	0.75
315	0.89	
400	1.09	
500	1.09	1.00
630	0.99	
800	0.92	
1000	0.82	0.85
1250	0.86	
1600	0.93	
2000	0.96	0.95
2500	1.01	
3150	1.01	
4000	1.01	1.00
5000	1.04	



$\alpha_w = 0.95$ (Absorption class A)

Date of test: 2012-01-26

Object surface: 10.0 m²

Relative humidity: 84 %

Date: 2011-02-03

Reverberation room volume: 200 m³ Temperature: 1 °C

Test report 12-22-M10

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