

Technical Data Sheet

Products: Acoustic Panels - BEELIVE, BASE, ROOGLE, STELIO

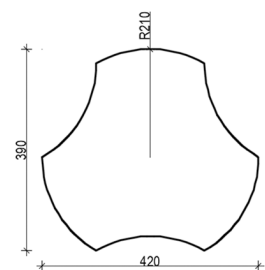
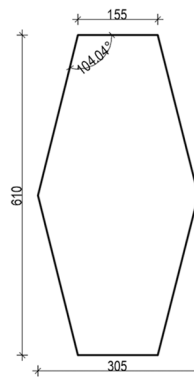
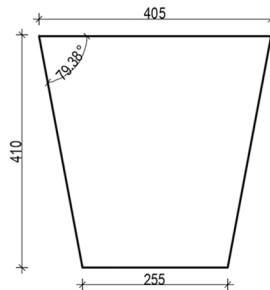
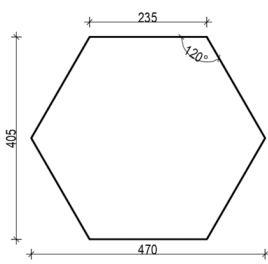
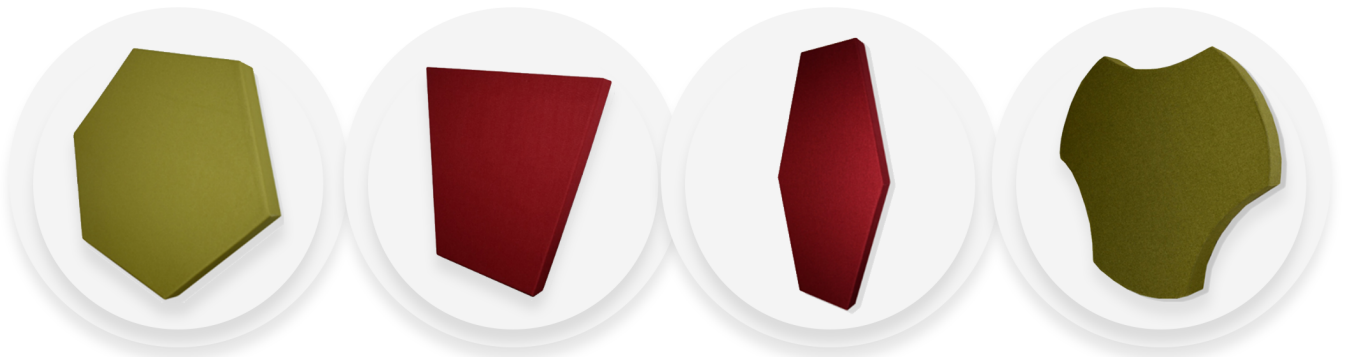
Category: Sound absorption for walls and ceiling

Product Description

Acoustic fabric panels are used for sound absorption on walls and ceiling in public and industrial buildings. The panel has fire retardant class optional possibility - M1 or B1 s1 d0. The covering is acoustic fabric. Sound absorption coefficient is according to the standard EN ISO 345.

✓ **SUITABLE**
FOR INDOOR CONDITIONS

✓ **EXCELLENT**
ACOUSTIC PERFORMANCE

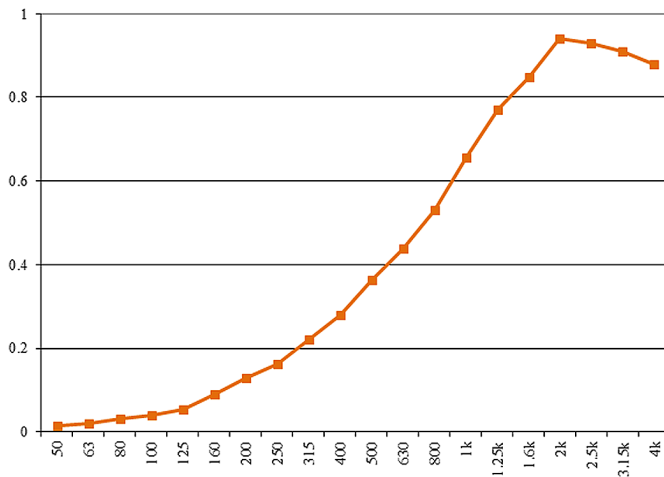


DIMENSIONS (Tolerance ± 2%)

	BEELIVE	BASE	ROOGLE	STELIO			
Hexagon size	235mm	Length base	405mm	Length	610mm	Big Radius	610mm
Diameter	470mm	Length small base	255mm	Big Width	305mm	Height	305mm
Height	405mm	Length of left/right side	410mm	Small Width	155mm	Width	155mm

PHYSICAL CHARACTERISTICS	Unit	Value	Tolerance
Thickness	mm	40	± 2%
Weight BEEHAVE	kg	0,280	± 2%
Weight BASE	kg	0,220	± 2%
Weight ROOGLE	kg	0,260	± 2%
Weight STELIO	kg	0,260	± 2%

PHYSICAL CHARACTERISTICS	
Raw Materials	PE or Melamine semi elastic foam and acoustic fabric
Installation	Direct glued
Color	Available in 21 colors



Sound absorption coefficient - α_s			
f [Hz]	α_s	f [Hz]	α_s
50	0.015	500	0.364
63	0.020	630	0.440
80	0.030	800	0.530
100	0.040	1k	0.657
125	0.053	1.25k	0.770
160	0.090	1.6k	0.850
200	0.130	2k	0.941
250	0.162	2.5k	0.930
315	0.220	3.15k	0.910
400	0.364	4k	0.879

TECHNICAL CHARACTERISTICS	Standard	Unit	Value
Airflow resistivity		Rayl/m	10 500
Class Reaction to Fire	DIN 4102	-	M1 or B1 s1 d0

AVAILABLE COLORS FOR THE TEXTILE



PACKING AND STORAGE

BEEHAVE – 12 pcs. per box; Box dimensions: 550 x 550 x 550 mm; Weight per box 5.40 kg.
 BASE – 12 pcs. per box; Box dimensions: 550 x 550 x 550 mm; Weight per box 4.70 kg.
 ROOGLE – 24 pcs. per box; Box dimensions: 650 x 650 x 650 mm; Weight per box 8.30 kg.
 STELIO – 12 pcs. per box; Box dimensions: 550 x 550 x 550 mm; Weight per box 5.20 kg.

Indoor storage is obligatory. Storage in a dry place.