

## Screen50 beat - tris - rhomb - honey Wall Absorber

The fully upholstered and lovingly crafted wall absorbers of the Screen50 series (total thickness 50 mm) not only make an important contribution to acoustic room damping, but are also important elements of room design. The formats and sizes of the beat, tris, rhomb and honey design lines are coordinated with the previously introduced wall absorbers of the Screen50 square family. The 4 design lines presented here offer architects and planners many possibilities and suggestions for realising their ideas. Depending on the design, the formats are based on the basic dimensions of 470, 570, 800, 1000 and 1300 mm. This means that the individual design lines can also be combined with each other. The mounting distance to each other is designed to be 30 mm, so that different formats can be combined with each other. The soft and harmonious character of the solid upholstery is underlined by the design language of the rounded corners with a radius of 50 mm. In contrast, the radii of the beat design line are 75 mm. Offered in 17 fabric collections and with over 500 colours, they provide inspiration for creative and at the same time highly sound-absorbent wall design. A suspension fitting with precise height adjustment guarantees quick and safe installation. The wall absorbers of the Screen50 series are also available in other sizes and dimensions on request.

In combination with a virgin wool fabric in price class PG4 & PG5, the wall absorbers of the Screen50 series are also available with an acoustic filling made of virgin sheep's wool. This renewable raw material is not only 100% sustainable, but virgin sheep's wool also has the unique ability to filter room air and sustainably neutralise pollutants.




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### Data

#### Screen50 beat - tris - rhomb - honey Wall Absorber

Frameless fully upholstered absorber core

Total thickness 50 mm

Corner radii 50 mm, 75 mm (beat)

Highest sound absorption according to DIN EN ISO 354

Filler material B1 flame retardant according to DIN 4102-1

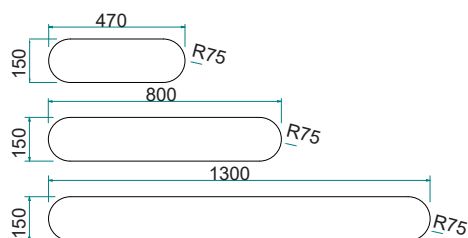
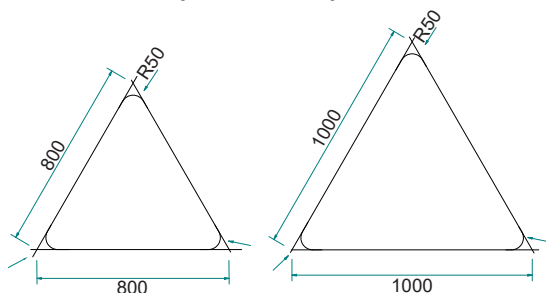
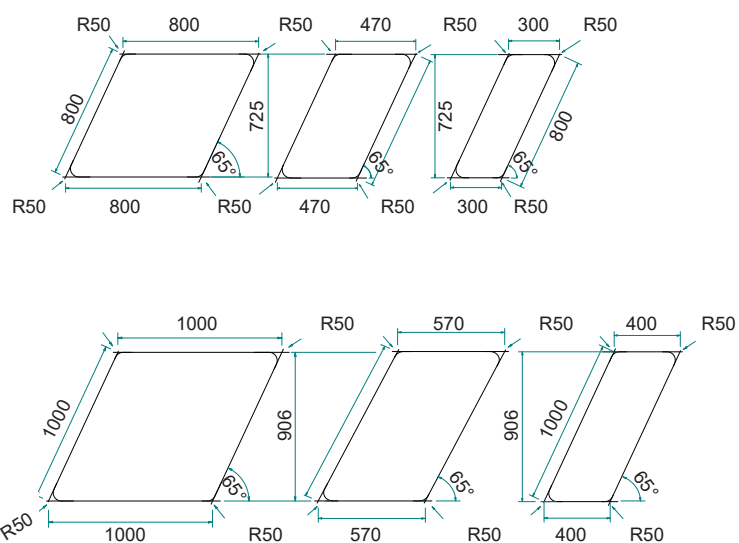
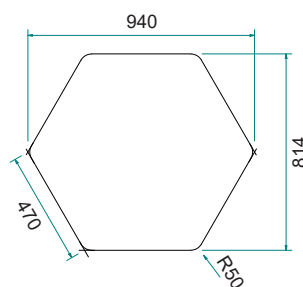
Filler Standard 100 by OEKO-TEX®

Surface fabric covering

Optionally in combination with virgin wool fabric PG4 & PG5 with an acoustic filling made of virgin sheep's wool - 100% sustainable.

#### Mounting method:

Wall mounting incl. height adjustment

**Format beat (3 formats)****Format tris (2 formats)****Format rhomb (6 formats right & 6 formats left-sided)****Format honey (1 Format)****Standard formats and weights in kg**

Formate beat			Formate tris			Formate rhomb		
mm	m²	kg	mm	m²	kg	mm	m²	kg
150 x 470	0,07	0,53	800	0,27	2,1	800 x 800	0,34	3,7
150 x 800	0,12	0,95	1000	0,43	3,0	470 x 800	0,58	2,5
150 x 1000	0,19	1,60				1000 x 570	0,52	5,2
Formate honey						1000 x 1000	0,91	3,5
mm	m²	kg						
940	0,57	3,6						

**Screen50 Wall Absorber**

Sound absorption coefficient  $\alpha_p$  per  
DIN EN ISO 354

125 Hz	$\alpha_p$ 0,25
250 Hz	$\alpha_p$ 0,65
500 Hz	$\alpha_p$ 1,00
1000 Hz	$\alpha_p$ 1,00
2000 Hz	$\alpha_p$ 1,00
4000 Hz	$\alpha_p$ 1,00

Rated sound absorption coefficient  
 $\alpha_w$  0,95 (H). DIN EN ISO 354 test certificate