

Screen50 square & round Wall Absorber

The fully upholstered and lovingly finished wall absorbers of the Screen50 square & round series (total thickness 50 mm) not only make an important contribution to acoustic room damping, but are also important elements of interior design. Offered in 16 different sizes and formats, the absorbers provide architects and planners with a versatile product to realize their ideas. The rectangular formats, based on an 800 mm and a 1000 mm module, are exactly matched to each other. The mounting distance to each other is designed to 30 mm and thus 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. Further creative scope is offered by the round formats in 6 sizes from 470 to 1200 mm. Offered in 17 fabric collections and with over 500 colours, they provide inspiration for creative and at the same time highly sound-absorbing wall design. A suspension fitting with precise height adjustment guarantees quick and safe installation. The wall absorbers of the Screen50 square & round 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 square & round 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.



Data

Screen50 square & round Wall Absorber

Frameless fully padded absorber core

Total thickness 50 mm

Rectangular formats with corner radii 50 mm

Highly sound absorbing according to
DIN EN ISO 354

Filler material B1 flame retardant according to
DIN 4102-1

Filler Standard 100 by OEKO-TEX®

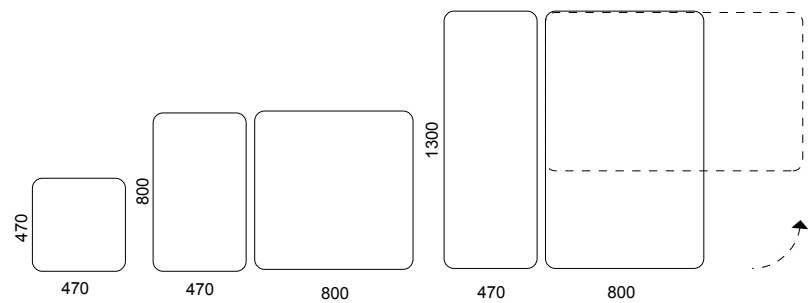
Surface fabric covering

Optionally with acoustic filling in virgin sheep's wool
(in combination with virgin wool fabrics of PG4-PG5)

Mounting method:

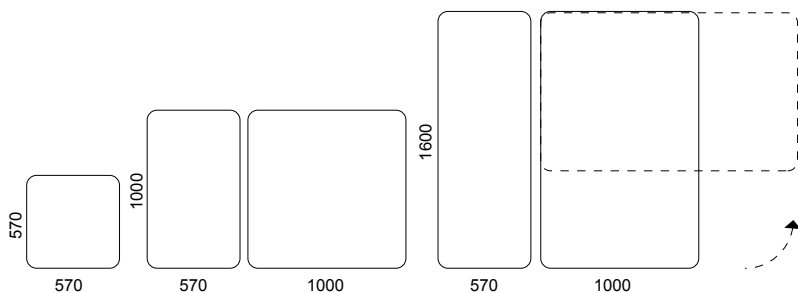
Wall mounting incl. height adjustment

Formats "square" 800 mm (5 sizes)

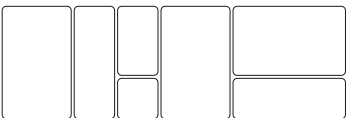


Flexibly rotate, arrange & design all 800/1000 elements.

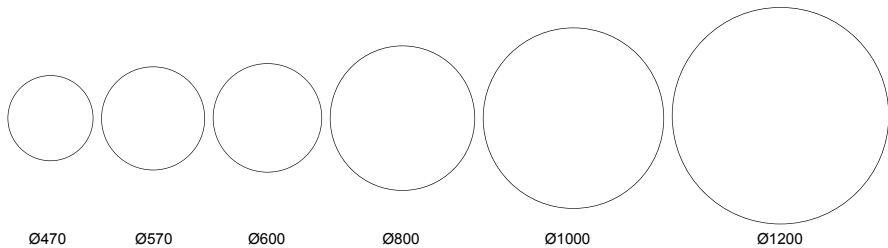
Formats "square" 1000 mm (5 sizes)



Design example:



Formats "round" Ø (6 sizes)



Standard sizes and weight in kg

Formats "square" 800 mm / 1000 mm side length						
Height \ Width	470	570	800	1000	1300	1600
470	2,1	-	3,6	-	5,8	-
570	-	3,1	-	5,4	-	8,6
800	3,6	-	6,1	-	9,8	-
1000	-	5,4	-	9,5	-	15,1

Formats "round"	
Ø	kg
470	1,8
570	2,6
600	2,7
800	4,7
1000	7,0
1200	10,2

Screen50 Wall Absorber

Sound absorption coefficient ap per DIN EN ISO 354		
125 Hz		ap 0,25
250 Hz		ap 0,65
500 Hz		ap 1,00
1000 Hz		ap 1,00
2000 Hz		ap 1,00
4000 Hz		ap 1,00
Rated sound absorption coefficient aw 0,95 (H). DIN EN ISO 354 test certificate		