

## Screen50 ceiling absorber

The fully upholstered and lovingly finished ceiling 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 interior design. Offered in 16 different sizes and formats, the absorbers provide architects and planners with a versatile product for realizing their ideas. They are not only available for direct ceiling mounting. By means of a stainless steel suspension kit, the high-performance absorbers can be suspended from the ceiling individually and easily adjusted in height. The rectangular formats, based on an 800 mm and a 1000 mm module, are precisely matched to 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 15 fabric qualities and with over 500 colors, they provide inspiration for a creative and at the same time highly sound-absorbing ceiling design. The ceiling 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 ceiling absorber

Frameless fully padded absorber core

Total thickness 50 mm

Rectangular formats with corner radii 50 mm

Highest sound absorption according to  
DIN EN ISO 354

Filler material B1 flame retardant according to  
DIN 4102-1

Filler OEKO-TEX Standard 100

Surface fabric covering

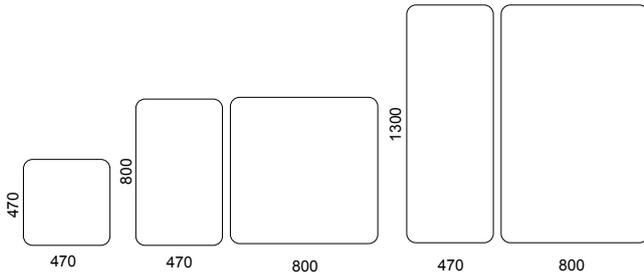
Optionally with acoustic filling in virgin sheep's  
wool (in combination with virgin wool fabrics of  
PG4)

#### Mounting methods:

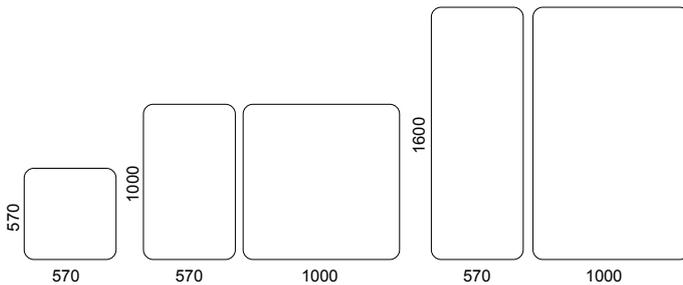
Suspended by means of stainless steel suspension  
kit, flexible from 400 to 150 mm

Direct ceiling mounting incl. mounting rails,  
ceiling distance 20 mm

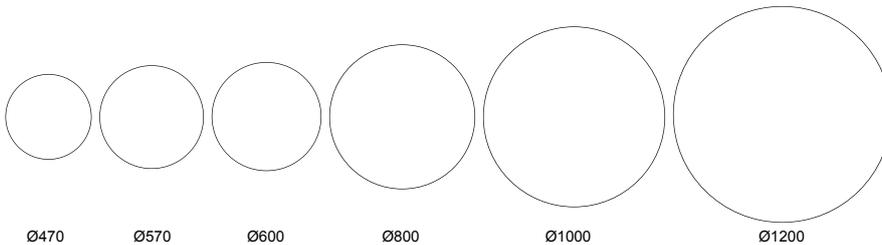
## Formats 800 mm (5 sizes)



## Formats 1000 mm (5 sizes)



## Formats Ø (6 sizes)



## Standard sizes and weight in kg

Formats 800 mm / 1000 mm side length							Formats Ø	
height \ width	470	570	800	1000	1300	1600	Ø	kg
470	2,1	-	3,6	-	5,8	-	470	1,8
570	-	3,1	-	5,4	-	8,6	570	2,6
800	3,6	-	6,1	-	9,8	-	600	2,7
1000	-	5,4	-	9,5	-	15,1	800	4,7
							1000	7,0
							1200	10,2

## Ceiling absorber 50 mm

Sound absorption coefficient  $a_p$  per DIN EN ISO 354

125 Hz	$a_p$ 0,19
250 Hz	$a_p$ 0,63
500 Hz	$a_p$ 0,99
1000 Hz	$a_p$ 1,10
2000 Hz	$a_p$ 1,11
4000 Hz	$a_p$ 1,02

Rated sound absorption coefficient  
 $a_w$  0,90 (H). DIN EN ISO 354 test certificate