

## 3D-Absorber

Spaces in which communication plays the main role require their own individual sound absorption. With the versatile, high-performance 3D absorbers from AOS, rooms are designed and furnished to be highly efficient. The absorbers, which are supplied with dimensions of 610 x 610 mm and 610 x 1220 mm, can be used as wall and ceiling absorbers and as hanging elements. The elements are available with different surface designs and fabric collections, and with stable and filigree hanging they can be used with an airy lightness or strict order to break up a room. For the square 3D absorber, there are three different designs as well as one variation with a sewn-on button.

There are countless possibilities for individual room design: With a sufficient order quantity, planners can also design their own profile for the AOS 3D absorbers. The 3D absorber – which can also be inserted into a ceiling grid (625 x 625 or 625 x 1250 mm) – are available in 12 fabric collections, divided into three price groups (PG1-3).




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### Data 3D-Absorber

Full surface absorber core with a 40 mm wall thickness

Highly sound absorbing according to DIN EN ISO 354 with the best values even in the low frequencies

Absorber B1 flame retardant according to DIN 4102-1

Absorber Standard 100 by OEKO-TEX®

Surface fabric covering according to collection PG1-PG3

#### Mounting:

For insertion into the system ceiling with grid dimension 625 x 625 or 625 x 1250 mm

Provided with 3M adhesive tape for gluing on a smooth and well adhering surface

Equipped with magnets and a base plate for wall or ceiling mounting

Double-sided design using a stainless steel suspension kit

## Model overview



Flatt 610 x 610



Flatt 610 x 1220



With button



Suspended,  
braced



Stamping 1



Stamping 2



Stamping 3

## Standard sizes and weights in kg for 40 mm wall construction

Width x Height in mm	610 x 610	610 x 1220	3 Stk. 610 x 610	3 Stk. 610 x 1220
<b>Modell-Variante/Ausführung</b>				
glued	1,1	2,2	-	-
with magnetic fastening	1,9	3,8	-	-
stretched over a height of 2600 mm	-	-	12,9	25,5
with button, glued	1,2	-	-	-
with button, with magnetic fastening	2	-	-	-
with knob stretched	-	-	13,5	-
with stamping, glued	1,1	-	-	-
with stamping, with magnetic fastening	1,9	-	-	-
with stamping braced over a height of 2600 mm	-	-	12,9	-
ceiling absorber, glued	-	2,2	-	-

### 3D Absorber for direct mounting

Sound absorption coefficient  
ap per DIN EN ISO 354

125 Hz	ap 0,10
250 Hz	ap 0,35
500 Hz	ap 0,75
1000 Hz	ap 0,90
2000 Hz	ap 0,95
4000 Hz	ap 1,00

Rated sound absorption coefficient  
aw 0,65 (H). DIN EN ISO 354 test certificate

### 3D absorber in system ceiling (distance 200 mm)

Sound absorption coefficient  
ap per DIN EN ISO 354

125 Hz	ap 0,43
250 Hz	ap 0,83
500 Hz	ap 0,99
1000 Hz	ap 0,92
2000 Hz	ap 0,99
4000 Hz	ap 1,01

Rated sound absorption coefficient  
aw 1,00 (H). DIN EN ISO 354 test certificate