

Wall Absorber 55/40

With a consistently linear form and technical timelessness, the AOS wall absorbers score points not only for the quality of their design, but also for their outstanding acoustic properties. The high-performance absorbers are available made to measure, with 3 different edge variations. In addition to the wall thickness of 55 mm, the walls are alternatively manufactured in 40 mm. In addition to the different thicknesses with their varying absorption properties, customers can also choose from a variety of fabric qualities and colours. The standard measurements range from 400 x 400 mm to 1400 x 2000 mm, but thanks to the stable and invisible frame structure made of aluminium, larger formats can also be realized. A suspension fitting with precise height adjustment guarantees quick and safe installation.

The wall absorbers are available in 17 different fabric collections – subdivided into 5 price groups. Variety also comes in the form of three different edge variations: cover profile anodized aluminium EV1, cover profile powder-coated (RAL), inlying metal profile powder-coated (RAL) and inlying fabric profile (AOS collection). The elements are offered both in the standard dimensions as well as made to measure sizes.



Data Wall Absorber 55/40

Wall thickness 55 mm (alternatively 40 mm)

Concealed aluminium frame profile

Four edge finishes: cover profile aluminium anodised EV1, cover profile powder-coated to (RAL), inlying metal profile powder-coated (RAL), inlying fabric profile according to AOS collection

Highly sound absorbing according to DIN EN ISO 354

Filler B1 flame retardant according to DIN 4102-1

Filler Standard 100 by OEKO-TEX®

Surface fabric covering (AOS collection)

Contain no chemicals (flame retardants or similar)

Incl. height adjustment fastening set

Optionally with an acoustic filling made of new sheep's wool - 100% sustainable

Cover profile design



1 Cover profile
Anodised aluminium
EV1



2 Cover profile
powder-coated
according to RAL



3 Inner profile
powder-coated
according to RAL



4 Inner profile
fabric
AOS collection

Standard sizes and weights in kg for 55 and 40 mm wall construction

width \ height	400	600	800	1000	1200	1400	1600	1800	2000
400	4,3 / 3,4	5,4 / 4,2	6,8 / 5,3	8,0 / 6,3	9,2 / 7,2	10,5 / 8,2	11,7 / 9,2	13,0 / 10,1	14,2 / 11,1
600	5,4 / 4,2	6,8 / 5,3	8,2 / 6,4	9,6 / 7,5	11,1 / 8,6	12,5 / 9,7	13,9 / 10,9	15,3 / 12,0	16,7 / 13,1
800	6,5 / 5,0	8,1 / 6,3	9,7 / 7,5	11,3 / 8,8	12,9 / 10,1	14,5 / 11,3	16,1 / 12,6	17,7 / 13,8	19,3 / 15,1
1000	7,5 / 5,9	9,3 / 7,3	11,1 / 8,7	12,9 / 10,1	14,7 / 11,5	16,5 / 12,9	18,2 / 14,3	20,0 / 15,6	21,8 / 17,0
1200	8,6 / 6,7	10,6 / 8,3	12,6 / 9,8	14,5 / 11,3	16,5 / 12,9	18,5 / 14,4	20,4 / 16,0	22,4 / 17,5	24,4 / 19,0
1400	9,7 / 7,6	11,9 / 9,3	14,0 / 10,9	16,2 / 12,6	18,3 / 14,3	20,5 / 16,0	22,6 / 17,7	24,8 / 19,3	26,9 / 21,0
1600	10,8 / 8,4	13,1 / 10,3	15,5 / 12,1	17,8 / 13,9	20,1 / 15,7	22,5 / 17,5	/	/	/
1800	11,9 / 9,3	14,4 / 11,2	16,9 / 13,2	19,4 / 15,2	21,9 / 17,1	24,4 / 19,1	/	/	/
2000	13,0 / 10,1	15,7 / 12,2	18,4 / 14,3	21,0 / 16,4	23,7 / 18,6	26,4 / 20,7	/	/	/

Wall absorber 55 mm

Sound absorption coefficient
ap per DIN EN ISO 354

125 Hz	ap 0,25
250 Hz	ap 0,75
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 1,00 (H). DIN EN ISO 354 test certificate

Wall absorber 40 mm

Sound absorption coefficient
ap per DIN EN ISO 354

125 Hz	ap 0,19
250 Hz	ap 0,63
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 0,90 (H). DIN EN ISO 354 test certificate