

Wall Absorber 55/40 with Digital Print

Whether high-resolution images, graphics or works of art - digital printing technology makes it possible to combine highly sound-absorbing wall absorbers with customised wall and room design requirements. The excellent acoustic properties of the absorbers, which are manufactured in wall thicknesses of 55 mm and alternatively 40 mm, are retained thanks to the special materials used. The standard dimensions range from 400 x 400 mm to 2,000 x 2,000 mm. Thanks to the stable and invisible aluminium frame construction, larger formats can also be implemented. A suspension fitting with precise height adjustment ensures quick and safe installation.

Motifs of very different origins are used. The AOS image database for digital printing contains a large selection of motifs. The four different edge finishes - anodised EV1 aluminium profile, powder-coated profile (RAL), internal powder-coated metal profile (RAL) and internal fabric profile according to the AOS collection - offer creative variety and individual adaptation to the selected motif.



Data Wall Absorber 55/40 with Digital Print

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 digitally printed
Please note! Prerequisites for the use of own motifs see information sheet digital printing or from AOS image database for digital printing

Contain no chemicals (flame retardants or similar)

Incl. height adjustment fastening set

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