

Suspended Screens 55/40

Based on the construction of the wall absorbers, the pendulum walls with their consistently linear and timeless design not only impress with their creative quality, but also with their excellent acoustic properties. The absorbers, which hang freely in the space, are supplied made to measure and in four different edge variations. Along with the standard thickness of 55 mm, the screens are also available in 40 mm. Customers can choose not only from different thicknesses with their different absorption properties, but also from a variety of fabric qualities and colours. Thanks to the stable and invisible frame structure made of aluminium large formats can also be produced. Suspended screens can be mounted individually or as elements positioned one on top of the other. The stainless steel hanging kit supplied with the screens ensures stability and easy mounting.

The suspended screens 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 aluminium anodised EV1, cover profile powder-coated to (RAL), inlying metal profile powder-coated (RAL), inlying fabric profile according to AOS collection.



Data Suspended Screens 55/40

Wall thickness 55 mm (alternatively 40 mm)

Concealed, form-stable aluminium frame profile

Four edge variations: 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®

Fabric-covered surface according to AOS collection

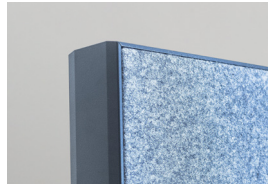
Incl. height adjustable stainless steel suspension kit

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

Cover profile design



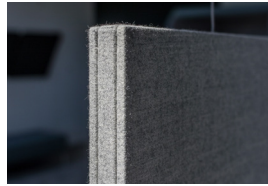
1 Cover profile
Anodised aluminium
EV1



2 Cover profile
powder-coated
according to RAL

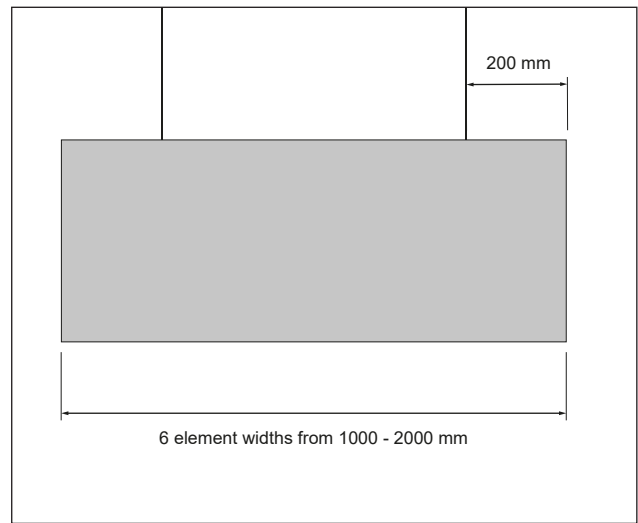


3 Inner profile
powder-coated
according to RAL



4 Inner profile
fabric
AOS collection

Standard rope distance from outer edge



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

width \ height	1000	1200	1400	1600	1800	2000
400	7,6 / 5,9	8,6 / 6,7	9,7 / 7,6	10,7 / 8,4	11,8 / 9,2	12,8 / 10,0
800	11,3 / 8,8	12,7 / 9,9	14,1 / 11,0	15,5 / 12,1	16,9 / 13,2	18,4 / 14,4
1000	13,2 / 10,3	14,8 / 11,6	16,3 / 12,7	18,0 / 14,1	19,5 / 15,2	21,1 / 16,5
1200	15,0 / 11,7	16,8 / 13,1	18,6 / 14,5	20,4 / 15,9	22,1 / 17,3	23,9 / 18,7
1400	16,9 / 13,2	18,8 / 14,8	20,8 / 16,3	22,8 / 17,8	24,7 / 19,3	26,7 / 20,9
1600	17,8 / 13,9	20,1 / 15,7	22,5 / 17,5	25,2 / 19,7	/	/
1800	20,6 / 16,1	23,0 / 18,0	25,3 / 19,8	27,6 / 21,6	/	/

Suspended screens 55 mm

Sound absorption coefficient
ap per DIN EN ISO 354

125 Hz	ap 0,33
250 Hz	ap 0,59
500 Hz	ap 0,77
1000 Hz	ap 0,87
2000 Hz	ap 0,94
4000 Hz	ap 0,96

Rated sound absorption coefficient
aw 0,80 (H). DIN EN ISO 354 test certificate

Suspended screens 40 mm

Sound absorption coefficient
ap per DIN EN ISO 354

125 Hz	ap 0,21
250 Hz	ap 0,37
500 Hz	ap 0,60
1000 Hz	ap 0,69
2000 Hz	ap 0,75
4000 Hz	ap 0,88

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