

Acoustical wall mount panel

Content

Screw fixed acoustic gypsum panel for wall mount.
Repaintable without loss of acoustics.
100% recyclable product.

Products and materials

Amfipanel_<600> x < 600/900 > x 12.5_B

Material: Perforated plasterboard
Board Type: Gypsum panel
Dimensions: 600 x < 600/900> x 12.5mm
Weight: 7.20-7.90 kg/m²
Edge: B
Perforation: Obround 4x14mm holes, c/c 10/20mm.
Perforation percent: 22.9 %
Surface: Water-based acrylic paint
Colour: Black NCS S-9000-N, gloss 5
Fire rating: A2-s1,d0 in accordance with EN 13501-1
Light reflection: 5.5% in accordance with DIN 5036
Indoor climate: Degasification 10 days
Particle emission: Low
Air purification: Cleaneo technology

Acoustics

85mm construction depth with 50mm mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	NRC
0.25	0.60	1.00	0.85	0.80	0.75	0.85	0.80

135mm construction depth with 100mm mineral wool

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	α_w	NRC
0.60	1.00	0.95	0.95	0.85	0.75	0.90	0.95

Acoustic fleece

Colour: Black

Dimension: 1.26m x 100m

Screws

Type: SN screw

Dimension: 3.5 x 30mm

Installation

- Fix < 50x50mm or 50x100mm> battens vertically at c/c <600mm or 900mm>, and place the battens precisely in relation to the joints of the panels.
- Place mineral wool <stone wool 30-40 kg/m³ or glass wool 20-25 kg/m³> between the battens.
- Fix 22x60mm planed battens horizontally to the primary furring at c/c 600mm and place the battens precisely and perpendicularly.
- Fix 22x60mm planed battens vertically to the primary furring between the horizontal furring at c/c <600mm or 900mm>. Make sure that the battens are perpendicular to and flush with the horizontal battens.
- Fix the acoustic fleece <Kino felt> to the furring.
- Fix the Amfipanel to the furring through the pre-drilled holes. Use black screws with min. length at 30mm.