

Beautiful. Quiet. Good for the environment.

2400mm x 600mm standard size

11mm deep x 27mm wide lamellas

9mm fleece backing

Total thickness 20mm

6 Standard Veneer Faces

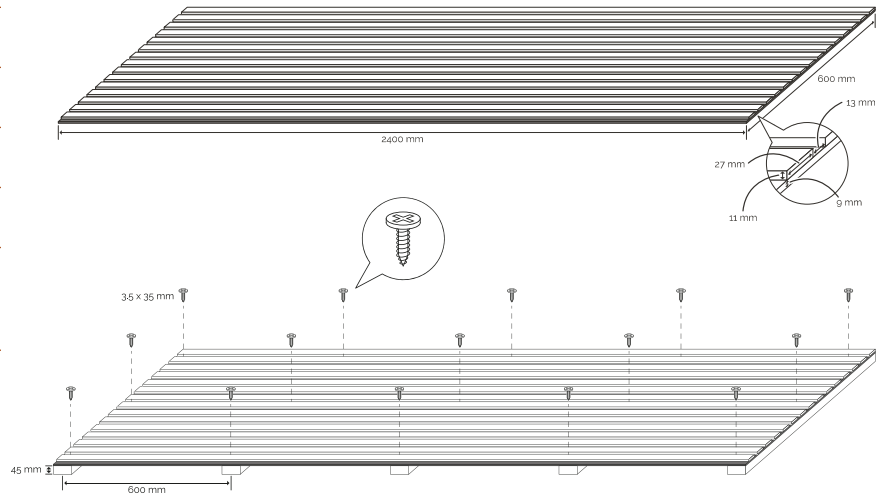
Available in a range of standard face veneers. Please see our website for the latest options.

2 Standard Fleece Colour Options

- Black
- Grey

Bespoke Options available

- 34 fleece colour options
- Almost any standard veneer specie
- Alter the width and/or spacing of the lamellas



Installation Instructions (Absorption Class C)

1. Install 45mm (thickness) battens directly to your wall/ceiling with a distance of 600mm.
2. Install the acoustic panels directly on the battens with screws (min. 3.5mm x 35mm). You can easily fit the screws between the lamellas into the underlying acoustic felt. Every panel is installed with 15 screws.
3. Cutting the panels is easily done with a fine jagged saw. The underlying acoustic felt is easily cut with a good knife.
4. For an expanded acoustic solution, you can place 45mm insulation between the studs.

NatureWall Group Ltd
B4 Kingston Way,
Stockholm Road,
Hull HU7 0YQ
England

Phone +44 (0)1482 833 479
Mobile +44 (0) 7939 478 034
Web naturewall.co.uk
Email phil@naturewall.co.uk

Measurement of Sound Absorption Coefficient for Eco-Sound Acoustic Panels.

Laboratory measurements of sound absorption coefficient were carried out in a reverberation room according to the test method of EN ISO 354:2003.

Product

Eco-Sound Acoustic Panel.
Wooden slat panel mounted on a polyester felt.

Wood Slat

MDF with veneer.

Thickness

11mm.

Width

27mm.

Air Gap Between Wood Slat

13mm.

Polyester Felt

9mm porous polyester felt (density 20 kg/m³).

Total Thickness of Panel

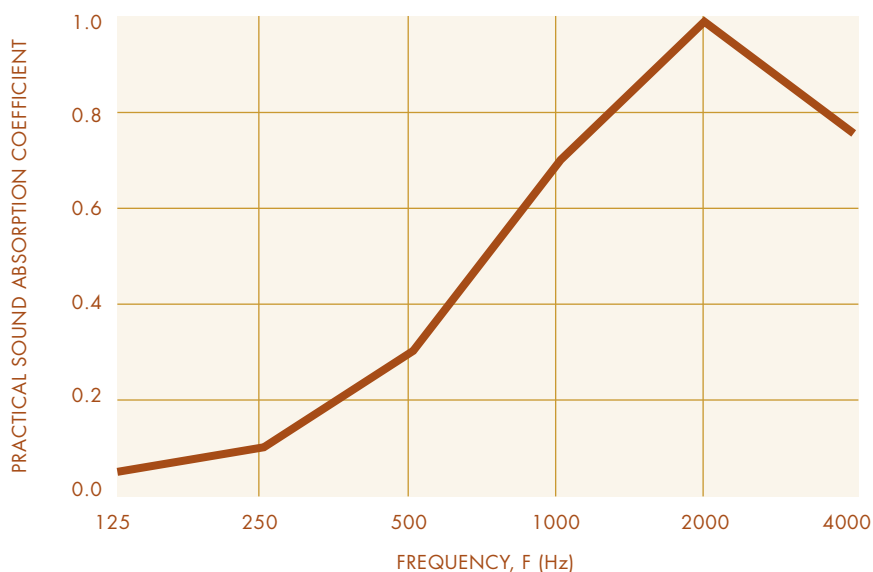
20mm.

Installation

The panels were mounted directly to the wall.

Absorption

Class D, according to EN ISO 11654: 1997



As seen in the graph, the 20mm panel, mounted directly to the wall, obtains an absorption coefficient of 0.35 (MH).

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Measurement of Sound Absorption Coefficient for Eco-Sound Acoustic Panels, suspended 65mm, with 45mm Mineral Wool.

Laboratory measurements of sound absorption coefficient were carried out in a reverberation room according to the test method of EN ISO 354:2003.

Product

Eco-Sound Acoustic Panel.
Wooden slat panel mounted on a polyester felt, with 45mm mineral wool.

Wood Slat

MDF with veneer.

Thickness

11mm.

Width

27mm.

Air Gap Between Wood Slat

13mm.

Polyester Felt

9mm porous polyester felt (density 20 kg/m³).

Total Thickness of Panel

20mm.

Mineral Wool

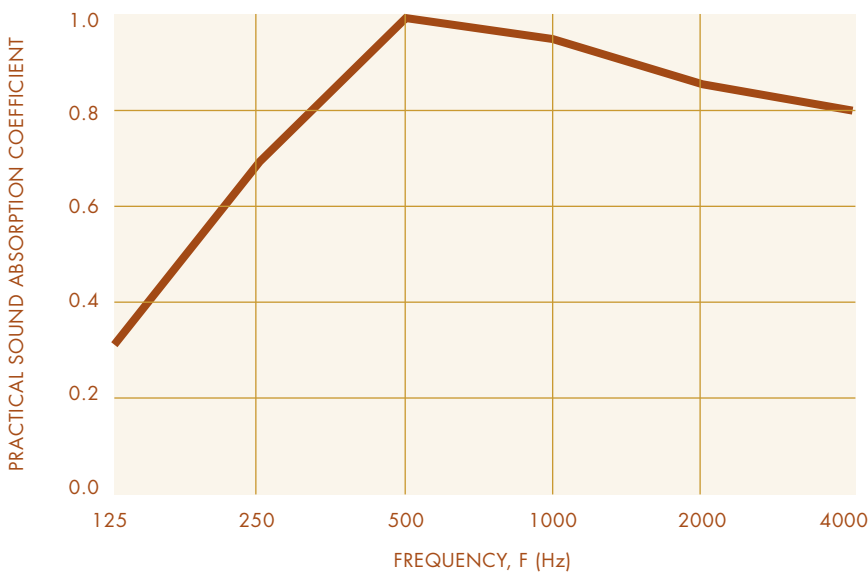
45mm ISOVER 37 Basic batts (density 15 kg/m³).

Installation

The panels were supported by 45 x 45mm laths with 600mm centre to centre distance, with mineral wool between the laths.

Absorption

Class A, according to EN ISO 11654: 1997.



As seen in the graph, the 20mm panel, suspended on 45mm of material wool obtains an absorption coefficient of 0.9 (MH).

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Email phil@naturewall.co.uk

Measurement of Sound Absorption Coefficient for Eco-Sound Acoustic Panels, suspended 65mm.

Laboratory measurements of sound absorption were carried out in a reverberation room according to the test method of EN ISO 354:2003.

Product

Eco-Sound Acoustic Panel.
Wooden slat panel mounted
on a polyester felt.

Wood Slat

MDF with veneer.

Thickness

11mm.

Width

27mm.

Air Gap Between Wood Slat

13mm.

Polyester Felt

9mm porous polyester felt
(density 20 kg/m³). Total

Thickness of Panel

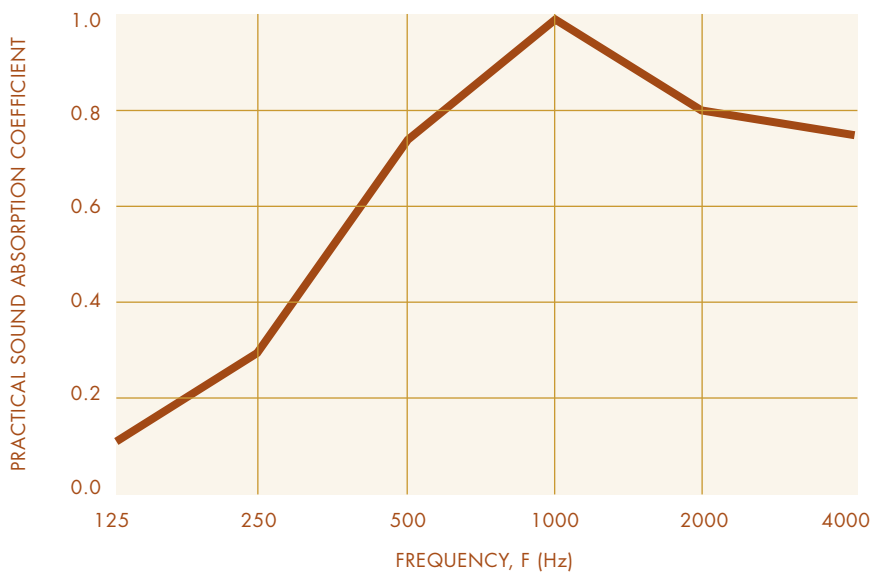
20mm.

Installation

The panels were supported by
45 x 45mm laths with 600mm
centre to centre distance, with
nothing between the laths.

Absorption

Class C, according to
EN ISO 11654: 1997.



As seen in the graph, the 20mm panel, suspended over a 45mm air pocket, obtains an absorption coefficient of 0.60 (MH).

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