

Three-Sided Acoustic Slat Wall Panel

HIGH SOUND ABSORPTION · THREE-SIDED VENEER COVERAGE

A premium slatted acoustic panel engineered to control reverberation and echo in residential and commercial spaces. Timber-look slats are veneered on three sides — face and both edges — for a clean, finished appearance from every viewing angle, and are mounted on a 9 mm acoustic polyester (PET) felt backing that absorbs sound energy across the speech and music frequency range. The result is a space that looks warm and architectural, and sounds noticeably quieter.

0.70

Noise Reduction
Coefficient (NRC)

0.84

Peak absorption
at 800 Hz

B1

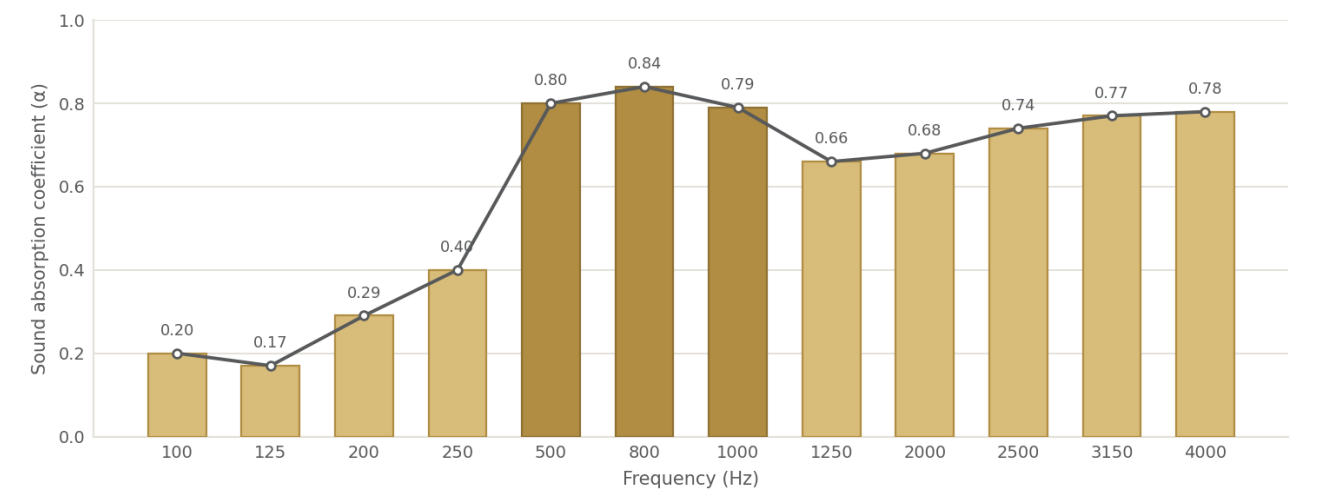
Fire rating
available

E0 / P2

Low-emission
MDF grade

Acoustic Performance

Sound absorption rises steeply through the mid frequencies where speech, television and music sit, holding above α 0.66 from 500 Hz to 4,000 Hz — highly effective at taming echo in open-plan living areas, media rooms, offices and hospitality spaces.



Frequency (Hz)	100	125	200	250	500	800	1,000	1,250	2,000	2,500	3,150	4,000
Absorption (α)	0.20	0.17	0.29	0.40	0.80	0.84	0.79	0.66	0.68	0.74	0.77	0.78

Acoustic data from manufacturer laboratory testing of the panel with 9 mm PET backing. Performance in situ varies with mounting method, air gap and room construction.

Specifications

Product name	Three-Sided Covering Slatted Acoustic Panel
Panel sizes	2400 × 600 × 18 mm or 21 mm · 2800 × 600 × 18 mm or 21 mm · custom sizes available
Slat profile	27 mm slat face · 13 mm groove · 21 mm overall depth (21 mm panel)
Construction	Timber veneer wrap (3 sides) over 9/12 mm MDF slats, bonded to 9 mm polyester (PET) acoustic felt
Surface finishes	Natural wood veneer · technical wood veneer · melamine · PVC
Weight	Approx. 7.8 kg/m ² (18 mm) · approx. 8.1 kg/m ² (21 mm)
Fire performance	Available to Grade B1 · PET panel with E0/P2 grade MDF slats
Key benefits	High acoustic performance · easy installation · easy to maintain · thermal insulation · environmentally conscious materials

Applications

Living rooms and media walls · home theatres · offices and meeting rooms · hotel lobbies and corridors · restaurants and hospitality · recording rooms and studios · schools · retail and showrooms.

See and hear the difference. Visit the Ecolux Interiors showroom in Osborne Park for samples, finishes and installation advice, or contact us for project pricing.