

WOOD PET

ACOUSTIC WOOD PANEL INFOSHEET





About

Acoustic Wood PET

Wood PET are decorative wooden panels with high technical and aesthetic qualities. Its also an alternative to the standard grooved wooden panels, in which, instead of having perforation on the back of the groove, a sustainable acoustic panel is used to create a seamless feeling on its design while adding into its efficacy to mitigate sound. At the technical level it has a high absorption coefficient while aesthetically it has a linear design, which looks sleek and is very suitable for acoustic conditioning that requires a high level absorption. With these high - quality wood with PET acoustic panels, each one can be easily installed on walls and ceilings, both in domestic and commercial applications ; offering modern styling in every way.

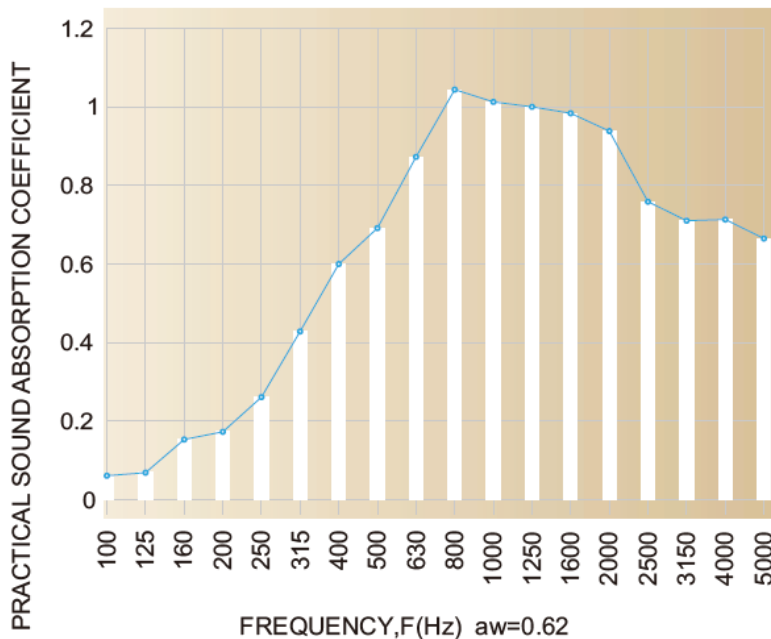
Technical Data

Acoustic Performance

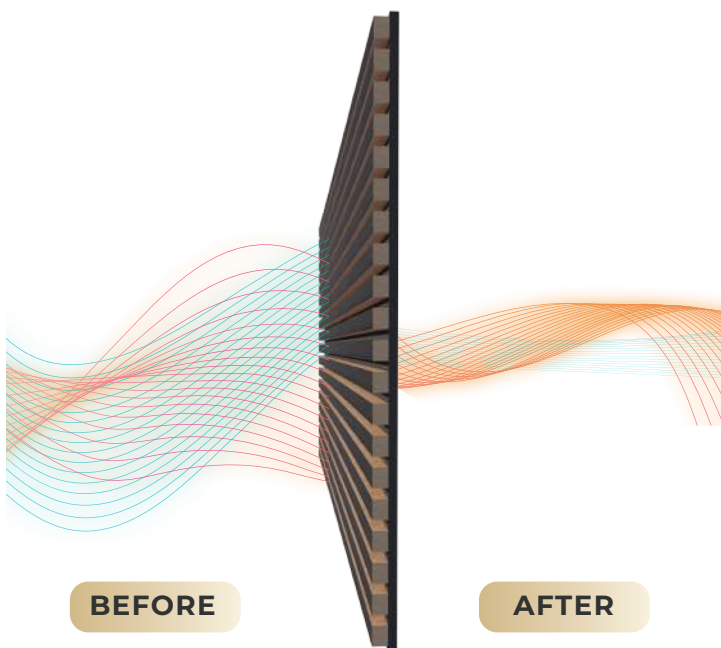
SOUND ABSORPTION COEFFICIENT FOR ACOUSTIC PANELS

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

Panel mounted directly on floor.



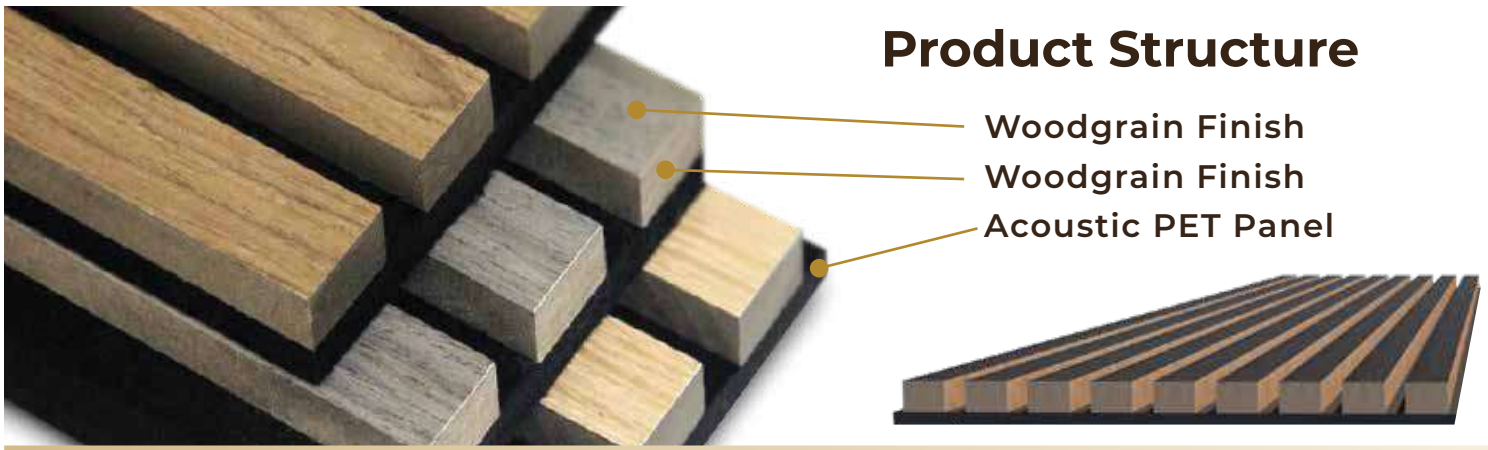
Graph shows the absorption coefficient of panel is 0.62 (MH)



Wood PET is an optimal solution for efficient sound absorption and sound diffusion, as well as reducing the reverberation times for the noise in the room. It can absorb high levels of reflected noise, eliminate the echo effect in the work area. It makes most of the sound energy into heat energy as well with its strong sound-absorbing and noise reduction functions.

The panel achieves an absorption coefficient of 0.97 at a frequency of 1,000 Hz. Loud voice and "normal" noise in the room will have a frequency between 500 and 2,000 Hz.

Product Structure



Woodgrain Finish

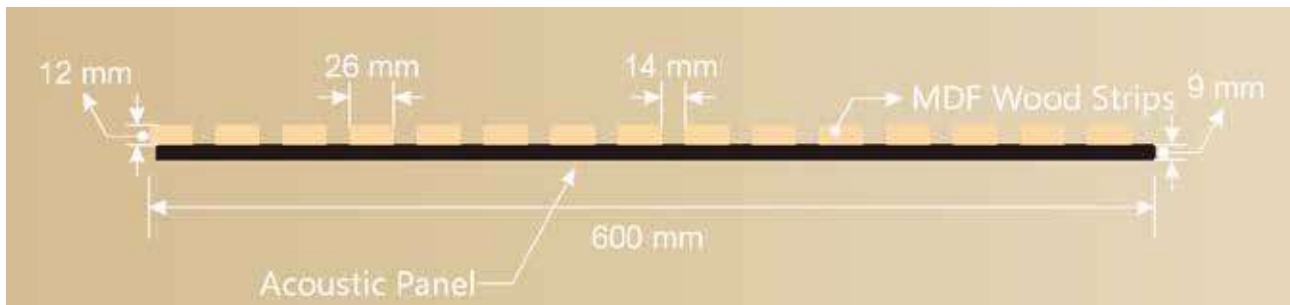
Woodgrain Finish

Acoustic PET Panel

Product Specifications

Wood PET Material Specifications

Each panel measures 2400mmX600mm and is formed from 12mm deep and 26mm wide lamellas, with a distance of 14mm in between each. These slats are then mounted on a base of 9mm thick acoustic panel. The panel is 21.5mm thick in total, including the slats and the panel.



Model	60% Polyester; 30% MDF; 10% Veneer
Specification	Groove 26mm, Edge to edge 14mm
Size	600mm x 2440mm / customized
Thickness	18mm / 21mm
Surface	Melamine/ Varnished wood veneer/ Painting/ HPL
Fire-proof level	B1
Environmental grade	E0
NRC	0.8 - 1.1
Test	Environmental protection, sound absorption, flame retardant

Material Finishes

Woodgrain Swatch Range



Washed Oak



Teak



Walnut



Smoked Oak



Wenge



Siner Oak



Black Oak



Oak



Black Walnut

NOTE:

Due to the special characteristics of varnished wood veneer, color tone and texture may vary. Images are only approximate. Never expose panels to direct sunlight or moonlight. Do not store outdoors or in extreme humidity or temperature conditions. Over time, due to its natural ageing process, the wood will change its original color. | Other woodgrain swatches are available upon enquiry with your account provider.

Send an email to info@alfadb.net

Base Colour

Acoustic Panel Swatch Range



T03
Silver Grey



T19
Dark Grey



T20
Jet Black



T25
Beige



T26
Mocha



Acoustic Wood PET

Applications





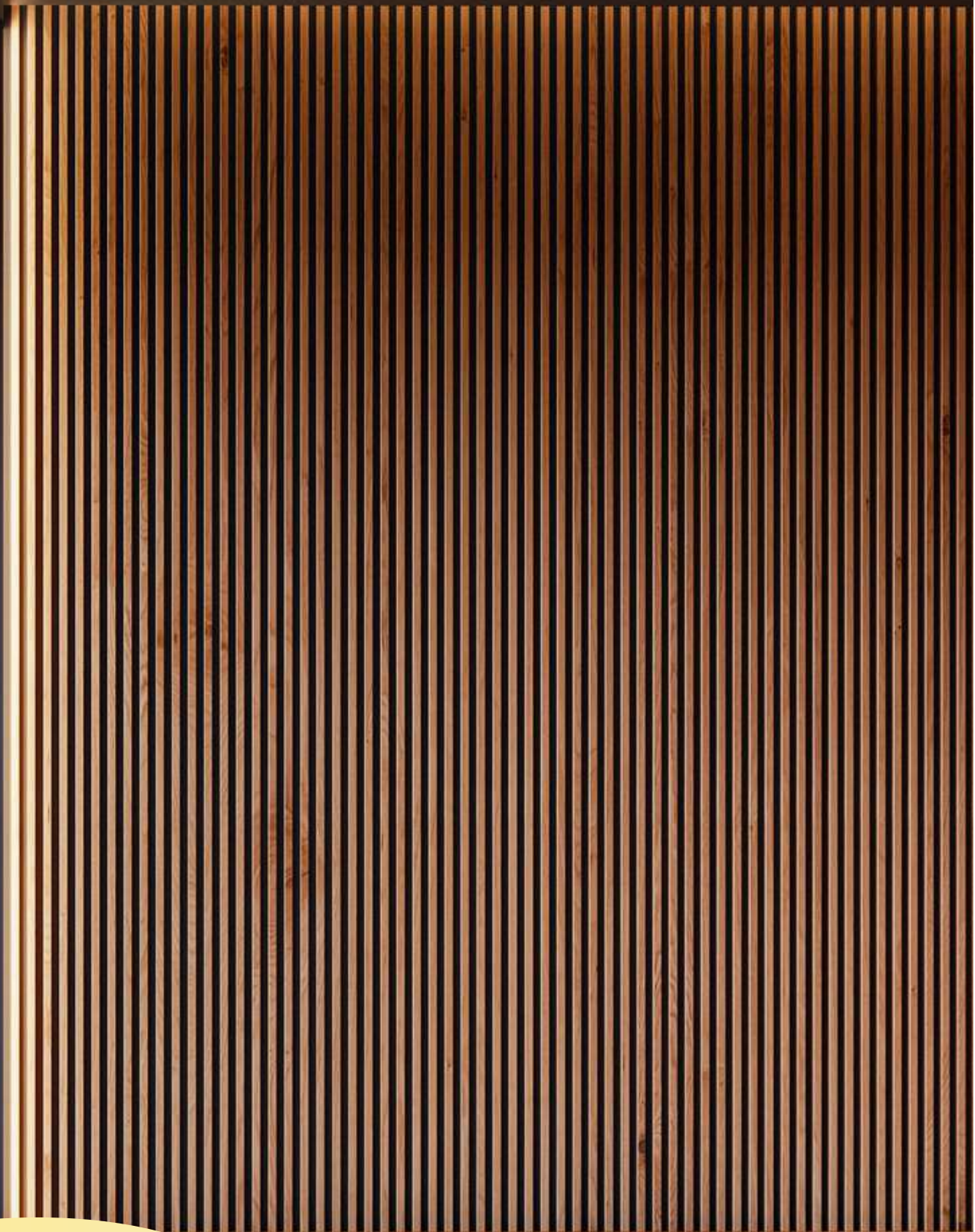
Application

Wood PET on Wall



Application

Wood PET on Ceiling and Wall



Application

Wood PET on Wall



Application

Wood PET on Wall

Get in touch with us



YOUTUBE
ALFA dB



FACEBOOK
www.facebook.com/alfadb.net



INSTAGRAM
alfadb.my

Website

www.alfadb.net

Email address

info@alfadb.net

Contact number

+60 13 329 9960

+60 10 385 9960

+603 5103 2730 (Headquarter)

Alfa Soundscape & Design Sdn Bhd Main Office

No 32A-1, Jalan Putra Mahkota 7/4B, Putra Heights,
47650, Subang Jaya Selangor, Malaysia

Alfa Soundscape Malaysia Design Studio

No 25-G, Jalan Putra Mahkota 7/4A, Putra Heights,
47650, Subang Jaya Selangor, Malaysia

Alfa Soundscape Sweden Sound Lab

Braxengatan 5, 222
71, Lund Sweden

