Architectural Acoustics

Sonus-Wood

Wooden Polyester Fiber Acoustic Panels

ALPHA ACOUSTIKI

In TUNE with YOUR needs

Sonus-Wood

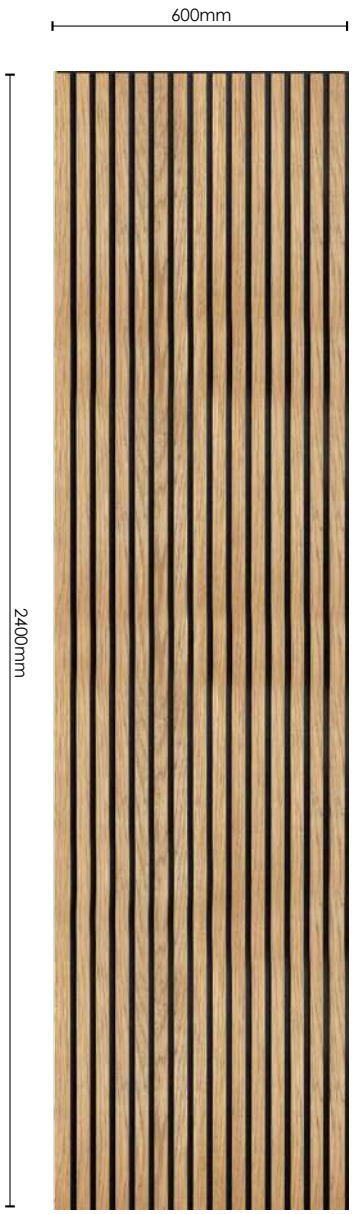
Wooden Polyester Fiber Acoustic Panels

Sonus-Wood are timber strips wall panels. They combine a polyester fiber acoustic panel and MDF strips.

It consists of high density polyester fiber acoustic panel as base and finish of timber slat that can be customzied accordingly to our veneer selection.

The semi-rigid polyester fiber acoustic slab is made of 100% polyester fiber, containing a minimum of 65% post-consume recycled material (PET bottle-flake). PET Felt is both recycled and recyclable.

It is a perfect material to apply on walls and ceilings in order to increase the sound absorbing surfaces and reduce annoying noise reflections and resonant acoustic field, improving acoustic comfort, offering a better acoustic environment.



Sonus-Wood

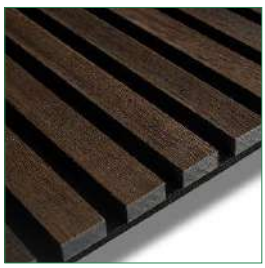
MAIN FEATURES

- Hight Sound absorption
- Environmental Sustainability
- Quick and Easy Instalaltion
- Warming feel of wood

FINISH SELECTION

Oak

Walnut



Smoked oak

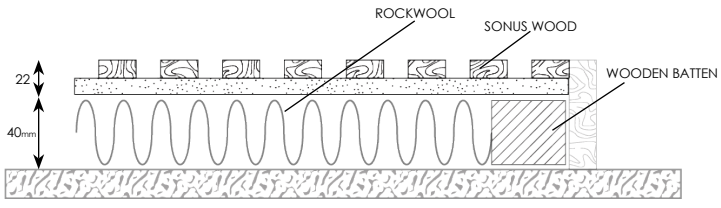
Sonus-Wood

Wooden Polyester Fiber Acoustic Panels

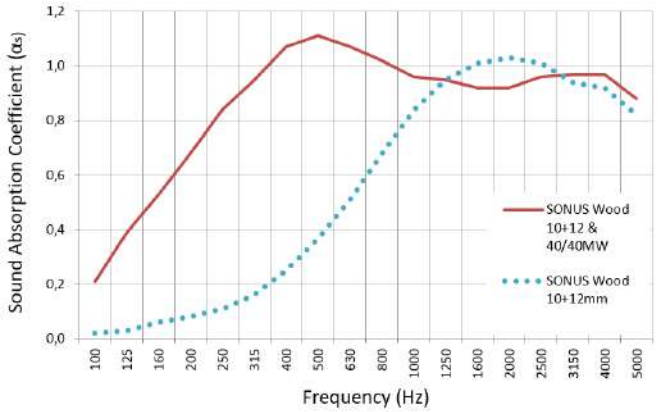
ACOUSTIC CHARACTERISTICS

Sonus-Wood is specifically designed to achiev e maximum sound absorption with the installation on a wooden frame with the intermediate rock wool or iZiFON slabs of thickness 40-50mm.

The sound absorption coefficient (as) per square meter, according to ISO 354.2003 and ISO 11654.1997 is provided for the direct installation on the wall and in the case where 40mm rockwool plates are inserted in the back of the felt panel can be found in the following graph:



SECTION



SUSTAINABILITY

- PET felt contains more than 50% recycled PET bottles and can be recycled 100%
- Made of environmentally friendly materials
- "Pleasant" material that is non allergenic, no glue used in the production line.
- Improvement of the acoustic environment
- Contributes to LEED® V4

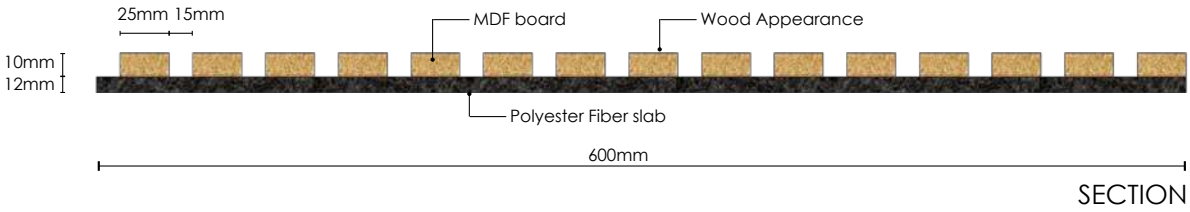
STRATIFICATION

Sonus-Wood

Wooden Polyester Fiber Acoustic Panels

TECHNICAL SPECIFICATIONS

Product Type:	Eco PET fiber acoustic panels with wooden strips
Dimensions:	2400 x 600 mm
Total Thickness:	22 mm
Wood color:	Oak, Walnut, Smoked oak
Felt color:	Black / Anthracite
	Other Felt-Wood color on request with MOQ



SECTION

Installation Method

Sonus-Wood panels can easily be installed directly on the wall with screws.

For better leveling and acoustic performance:
1. Install 50mm (thickness) battens directly to the wall/ ceiling with a distance of 600mm.
2. Place 50mm stone wool or iZiFON polyester fiber slabs between the studs.
3. Screw the Sonus-Wood panels directly on the battens (black color screws). The screws will easily fit between the wooden slats, straight into the felt backing.
4. Cutting the panels is easily done with a fine jagged saw.
The underlying acoustic felt is easily cut with a knife.

Note: All technical data is subject to change without prior notice.

ALPHA ACOUSTIKI S.A.
T: +30 210 6779875 info@alphacoustic.com
EUID ELGEMI: 004207401000
www.alphacoustic.com