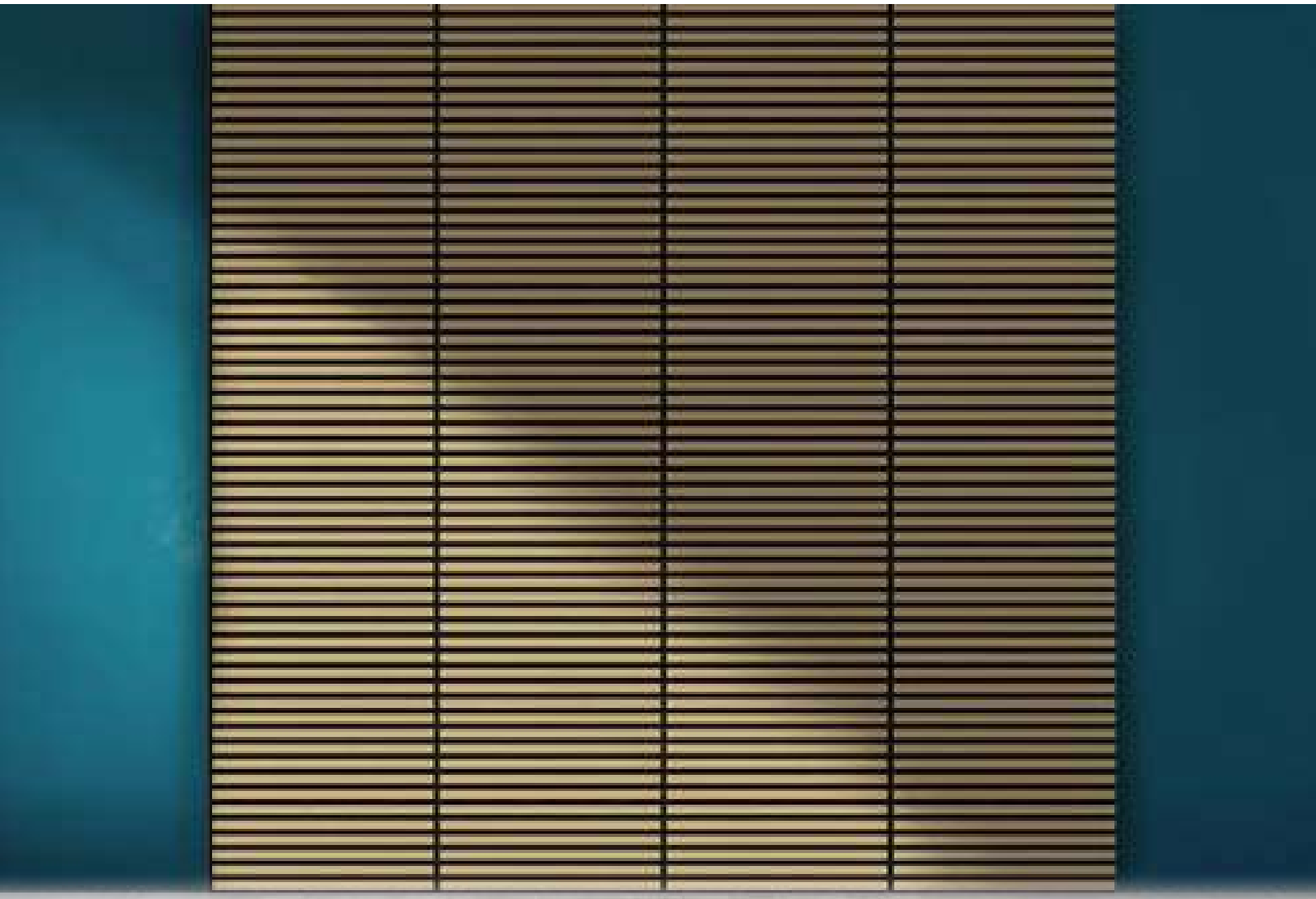
Architectural Acoustics



Sonus-Wood.60

Wooden Polyester Fiber Acoustic Panels

ALPHA ACOUSTIKI

In TUNE with YOUR needs

Sonus-Wood.60

Wooden Polyester Fiber Acoustic Panels

Sonus-Wood.60 are timber strip acoustic wall panels in convenient standard dimensions.

They consist of a high-density polyester fiber acoustic slab as a base and wooden slats with veneer appearance on top.

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

They are designed to be applied on walls and ceilings in order to increase the sound absorbing surfaces and reduce annoying noise reflections and resonant acoustic field, improving acoustic comfort.

The intelligent design of the tiles provides easy transportation and installation, cost reduction, the possibility of horizontal or vertical installation, without excluding the alternative of hybrid/ mixed installation. The created groove joints between the redundancies of the wooden spacers ensures a better aesthetic result, even by non-professional installers.

Sonus-Wood.60

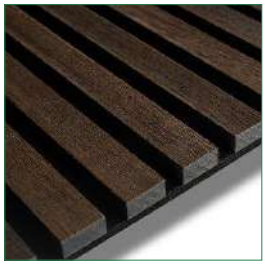
MAIN FEATURES

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

FINISH SELECTION

Oak

Walnut



Smoked oak

Sonus-Wood.60

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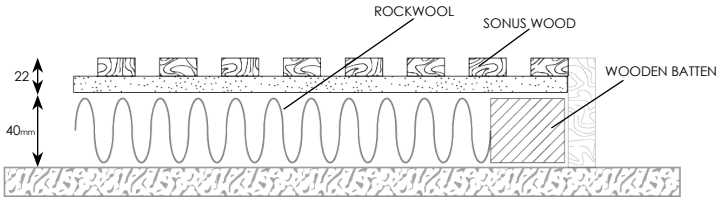
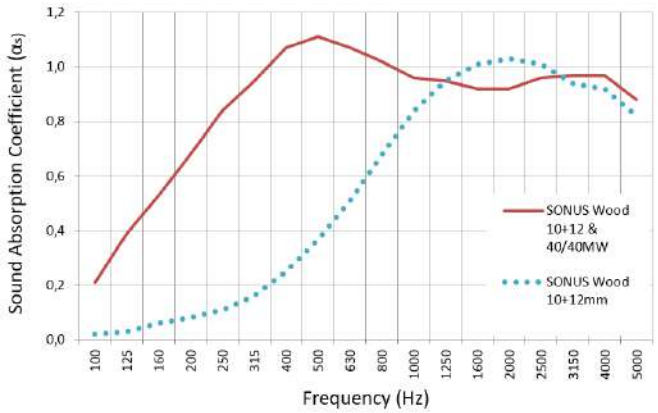
ACOUSTIC CHARACTERISTICS

Sonus-Wood.60 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%.
- Manufactured using environmentally friendly resources
- Not allergic, "pleasant" substance; the production line does not utilize adhesives.
- Improves the acoustic environment of the room
- Contributes to achieving LEED® and BREAM certification.

Vertical wood strips with horizontal groove joints

Horizontal wood strips with vertical groove joints

Sonus-Wood.60

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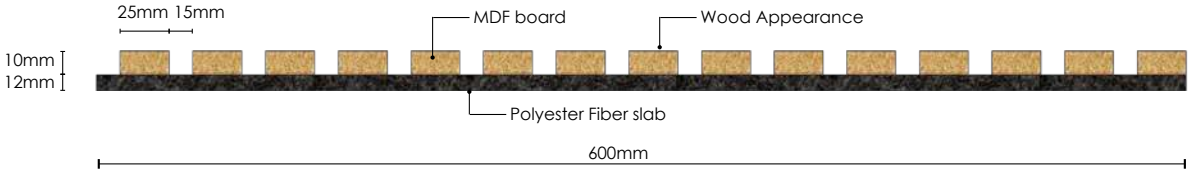
TECHNICAL SPECIFICATIONS

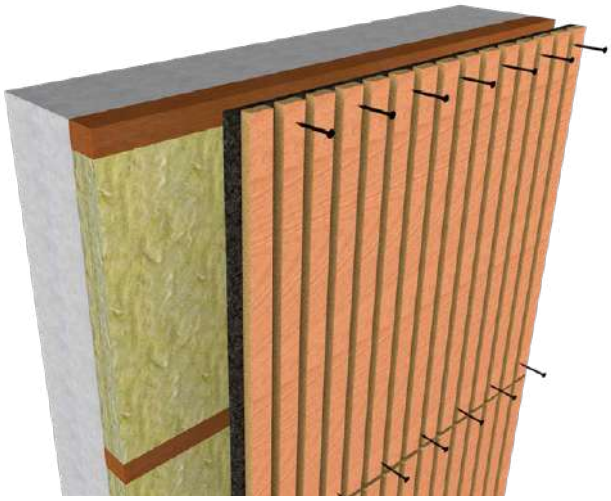
Product Type:	Eco PET fiber acoustic panels with wooden strips
Dimensions:	600 x600 mm
Total Thickness:	22 mm
Wood color:	Oak, Walnut, Smoked oak
Felt color:	Black / Anthracite
	Other Felt-Wood color on request with MOQ



Sonus-Wood.60 SECTION

INSTALLATION METHOD

Sonus-Wood.60 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.

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