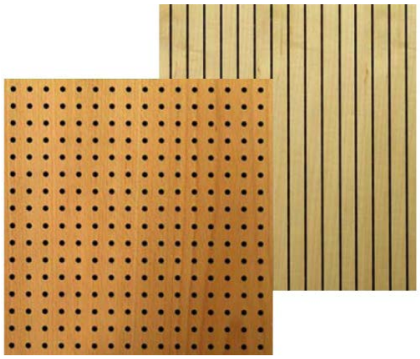
ALPHAcoustic -WP

WOODEN ACOUSTIC SOUND-ABSORBING PANELS

APPLICATIONS

Wooden sound absorptive panels **ALPHAcoustic-WP** can be installed on walls and (room) ceilings such as:

- Conference centres
- Amphitheatres
- Lecture halls
- Music/ Concert halls
- Theatres
- Studios



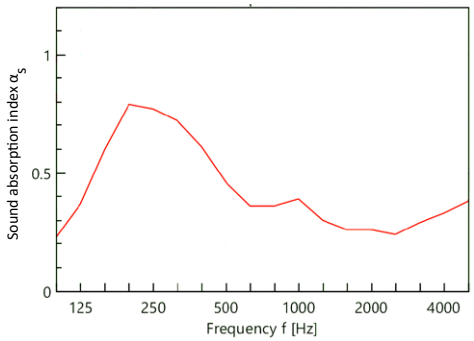
DESCRIPTION

Wooden sound absorptive panels **ALPHAcoustic-WP** are available in different types and perforation levels. It is designed to significantly improve the acoustics of a hall. They can be used in different combinational formations and match the architectural and acoustical requirements of any room.

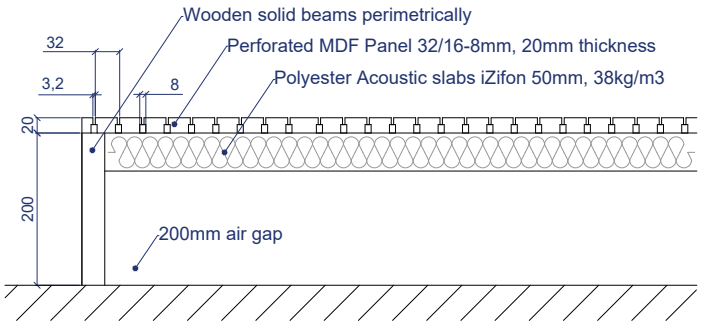
TECHNICAL CHARACTERISTICS

- **ALPHAcoustic-WP** is fabricated from standard core MDF panels. The panel surface can be timber veneer, melamine coated or painted in different colours. The lining can be natural or wood veneer or MDF melamine.
- The standard panel dimensions are 60x60cm and 120x60cm, but can be customized depending on the requirements of each application.
- The perforation can be circular or grooved.

Varying the perforation diameters and centers influences the visual appearance and the sound absorption capability. In all applications, the characteristics of the Acoustic Panels need to be specified by the acoustic consultant. Aspects like requested quantity, perforation and distance from the wall or roof need to be taken into consideration, in order to achieve the optimum acoustic requirements for each case. Different acoustic characteristcs are available for differnt wooden acoustic panel types.



Sound Absorption Coefficient α_s (according to ISO 354.2003).



Section of specimen **ALPHAcoustic-WP 32/16-8mm** as tested in the acoustics laboratory.

*Design and Production according to Quality Management System **ISO 9001.2008** & Environmental Management System **ISO 14001.2004***

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