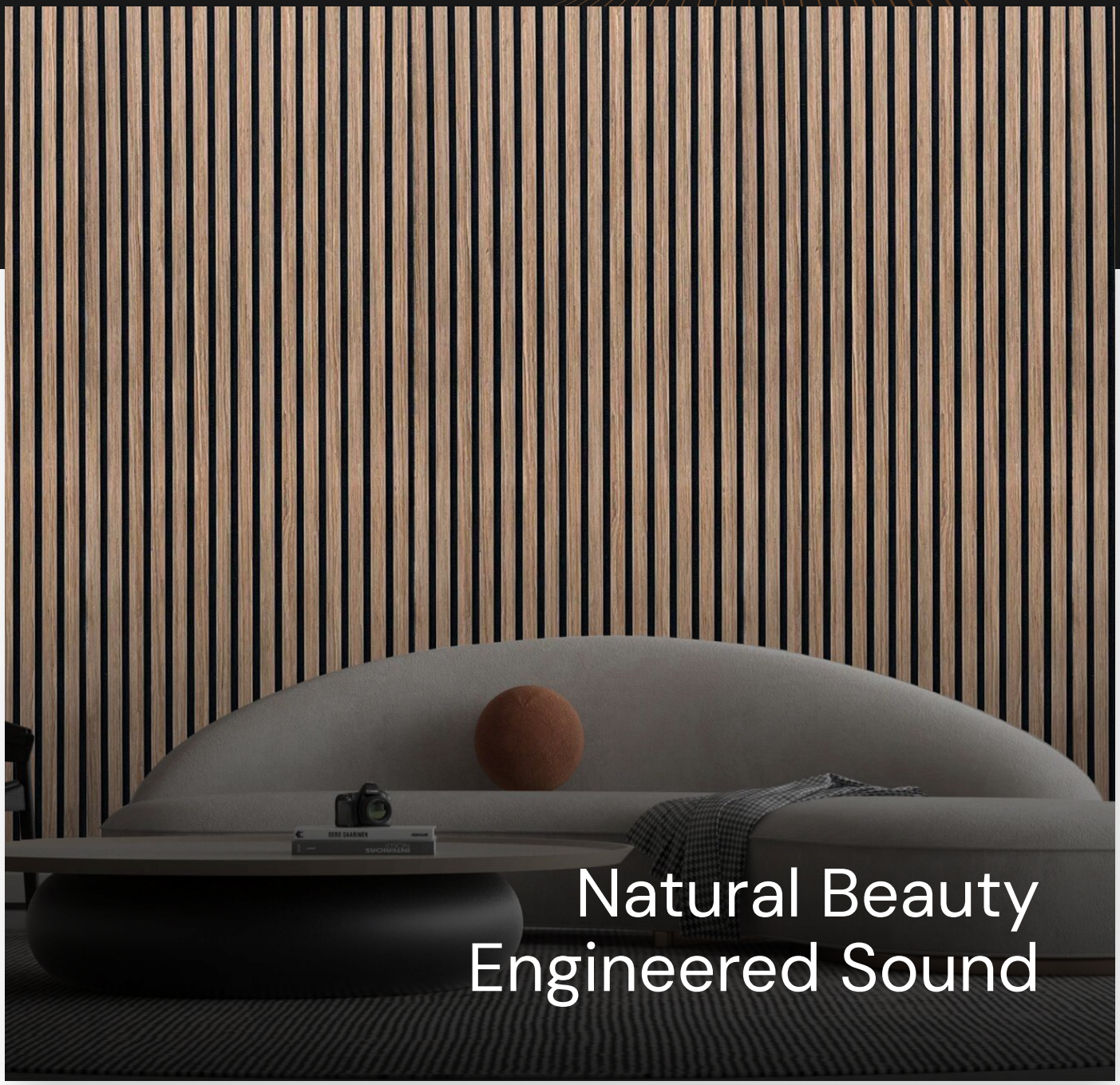
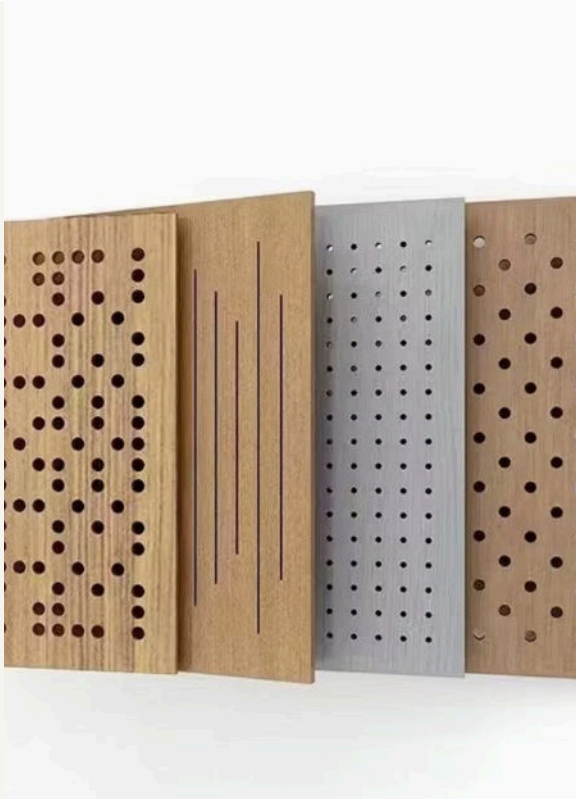
NHUUR

Wooden Panel



Wooden Panels

Crafted from high-quality wood or wood veneer combined with sound-absorbing materials like acoustic felt or mineral wool. Featuring slatted, grooved, or perforated designs, acoustic wooden panels allow sound waves to pass through the surface and be absorbed by the core material, enhancing speech clarity and acoustic comfort. These panels add natural warmth, texture, and modern elegance to any interior.



Acoustic Performance
α_w max. 0.75

Design Versatile
Print, engrave, cut pattern

No VOC
Good for indoor air quality

INSTALLATION

Walls: Screw, Male-female brackets
Ceiling: Screw, Track system, Male and female brackets.

APPLICATION

Wood wool panels are used across various industries due to their excellent acoustic, thermal, and fire-resistant properties. Here are some key applications:

Offices | Educational Institutions | Hospitals | Residential Spaces | Retail Stores | Showrooms | Public Buildings | Airports | Lecture Halls

PRODUCT SPECIFICATIONS

Composition: Wood, Veneer, Melamine, MDF | **Base:** PET, Rock/ Mineral Wool, Felt.

Dimensions : 500mm*500mm, 600mm*600mm, 1000mm*1000mm, 2400mm*1200mm

Fire resistance: ASTM E84CLASS A; EN 13501 CLASS B | **Color:** Standard Melamine / Veneer Finish

Frequency	Acoustic Co-efficient						
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NCR
Nano Perforated Board Without Cavity 30mm Acoustic Backing	0.34	0.46	0.9	1	0.85	0.8	0.75
Micro Perforated Board Without Cavity 30mm Acoustic Backing	0.13	0.45	0.95	1	0.9	0.8	0.7

FEATURES

Thermal Insulation

Helps regulate room temperature. Reduces heating and cooling costs. Acoustic barrier base enhances both sound and thermal performance.

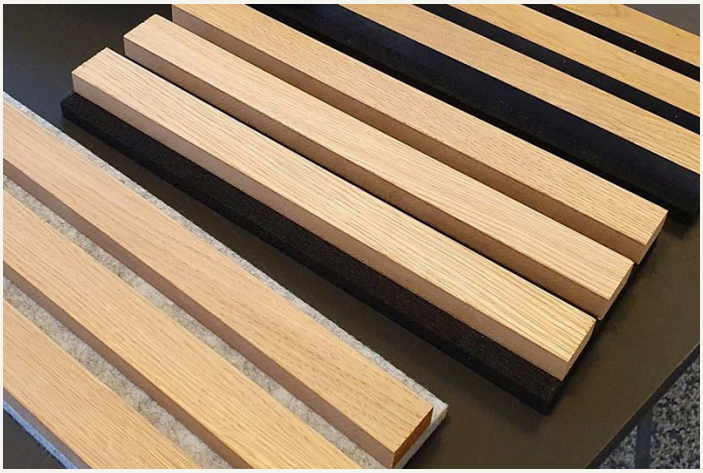
Aesthetic Versatility

Offers a warm and elegant look. These panels offer multiple perforation patterns and are available in various finishes – Can be laminated, veneered, or painted.

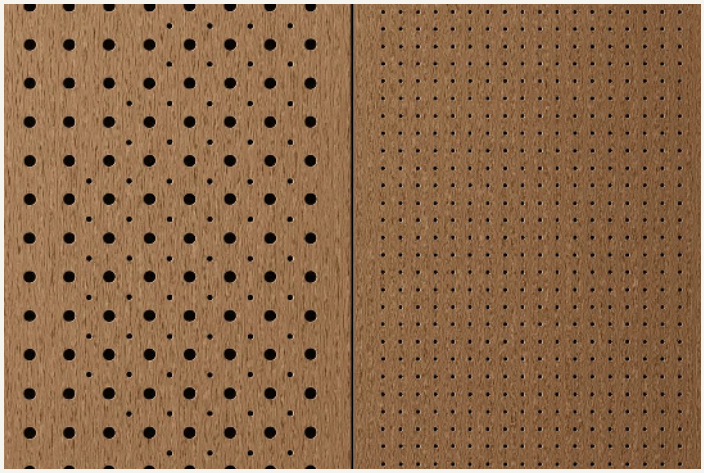
Strength & Durability

Constructed from high-quality wood are sturdy, long lasting, maintain structural integrity over time and resistant to impact, making them ideal for high-traffic areas.

Types of Wooden Panels



Slated



Perforated: Nano, Micro Nano

NHUUR

“Where sound finds *harmony*”

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