

ACOUSTICAL SURFACES
STOP NOISE

WOODTEC

Acoustic Perforated Wooden Panels

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WoodTEC

Acoustic Perforated Wooden Panels

WoodTEC | Perforo Series

These perforated wooden panels are available for both wall and ceiling applications and improves the aesthetics of the space without compromising the acoustic properties. They are made available in different finish options to meet the desired acoustical requirements for different applications. Custom thickness, diameter, spacing and patterns are also available. Acoustic backers are used behind wall panels or above ceiling in scenarios that demand high sound absorption. They are formaldehyde free, moisture resistant and has high density.



APPLICATIONS

- Auditorium
- Multi-purpose halls
- Home theatres
- Educational institutions
- Meeting rooms
- Studios
- Offices
- Airports



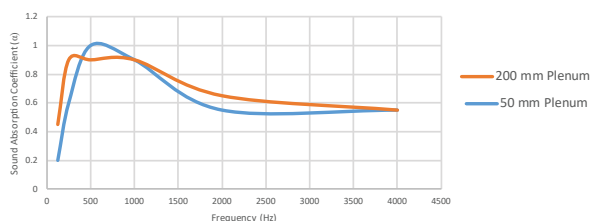
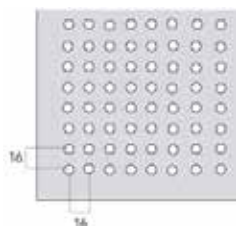
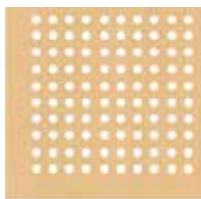
PRODUCT SPECIFICATIONS

Item	MDF
Thickness (mm)	16, 18, 20 mm, custom thicknesses
Finishes	Melamine, Veneer, Painted
Pitch (cm)	16 x 16
Perforation (mm)	6
Acoustic fleece	0.2 mm
Panel sizes (mm)	Wall :517x1380 , 517x2400, 128x2400, 293x2400 , 581x1180 , 600x1200 Ceilings :600x600 - 517x1380 and other custom sizes
Edges	Clips system, tongue and groove, biscuit
Patterns	Round, Square perforation.
Flammability	Fireproof B-s2 d0
NRC	Up to 0.90 (with insulation and cavity)
Mounting options	Z clip/ Z bar (walls) ; lay in or tegular lay in, torsion spring, T bars with T15,T24,T24 concealed or tongue and groove (ceilings)

WOODTEC – PERFERO SERIES TYPE 1

HOLE PITCH: 16 X 16mm, aligned
HOLE DIAMETER: 8mm | 4,6,10mm

PERFORATION: 19.6%
FLEECE: 0.2mm

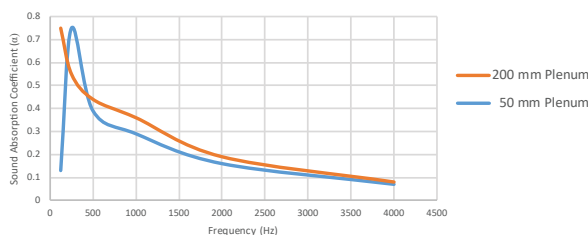
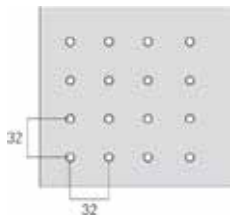


Absorbent	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
50mm	0.20	0.60	1.00	0.90	0.55	0.55	0.75
200 mm	0.45	0.90	0.90	0.90	0.65	0.55	0.85

WOODTEC – PERFERO SERIES TYPE 2

HOLE PITCH: 32 X 32mm, alternate
HOLE DIAMETER: 8mm | 4,6,10mm

PERFORATION: 4.9%
FLEECE: 0.2mm

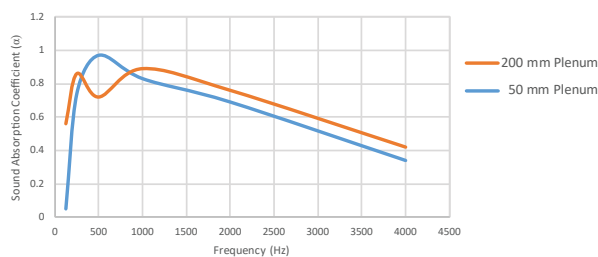
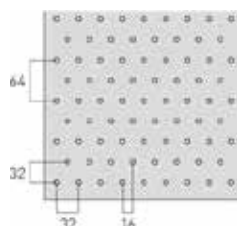


Absorbent	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
50mm	0.13	0.75	0.39	0.29	0.16	0.07	0.40
200 mm	0.75	0.55	0.44	0.36	0.19	0.08	0.45

WOODTEC – PERFERO SERIES TYPE 3

HOLE PITCH: 16 X 16mm, aligned
HOLE DIAMETER: 8mm | 4,6,10mm

PERFORATION: 19.6%
FLEECE: 0.2mm



Absorbent	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
50mm	0.05	0.74	0.97	0.83	0.69	0.34	0.80
200 mm	0.56	0.86	0.72	0.89	0.76	0.42	0.80