

WISA®-Phon N

WISA-Phon N is a birch plywood sandwich panel with good sound-absorbing properties. It is intended for use in the transportation industry for bus and train floors etc. where sound-absorbing features are needed.

Base panel

Base panel is a composite structure made out of birch veneers and sound absorbing material.

Bonding

Phenolic resin cross-bonded weather resistant gluing according to EN 314-2/class 3.

Surface

Uncoated BB/BB or dark brown phenolic film coated.

Machining

Edge and face machining by CNC router available upon request

Thicknesses and weights

Thickness (mm)	Weight (kg/m ²)
16	16.5
21	21.0

The rubber layer thickness is 3 mm.
Other panel thicknesses available upon request.

Panel sizes

Maximum size 1525 x 3050 mm.

Properties of panel surface

BB face: surface for painting and for coating with other materials.

Film faced surface: Available with a non-slip pattern for Flooring or a smooth film face for use as a moisture barrier.

Bending strength and stiffness: 16 mm equals to 12 mm birch plywood 21 mm equals to 18 mm birch plywood





Other information

Fire classification: DIN 5510T2: S3

95/28EC: approval

Airborne sound insulation according to EN ISO 717-1 and EN ISO 140-3 loss factor in accordance with DIN 53440:

Thickness (mm)	Index Rw	Airborne sound insulation		Loss factor
		100-3150 HZ dB	100-8000 Hz dB	
16	32	31.4	32.3	0.1
21	34	31.5	32.8	0.1

For further information on installation, maintenance, disposal, environmental matters etc. please contact your supplier or visit www.wisaplywood.com.



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UPM policy is one of continuous development. We reserve the right to amend specifications without notice or obligation.