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## WISA®-PHON N

**WISA-Phon N is a noise insulation panel intended for use in vehicle industry (bus floors etc.) where sound-absorbing features are needed.**

### Bonding

Phenolic resin cross-bonded weather resistant glueing according to EN 314-2/class 3 (DIN 68705 Teil 3: BFU 100; BS 6566 Part 8: WBP).

### Surface

Uncoated BB/BB or dark brown phenolic film coated.

### Machining

Machinings available on request.

### Thicknesses and weights

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

The rubber layer thickness is 3 mm.  
Other panel thicknesses on 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:** non-slip pattern can be used as surface as such. Smooth film face is recommended to be used as a moisture barrier.

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

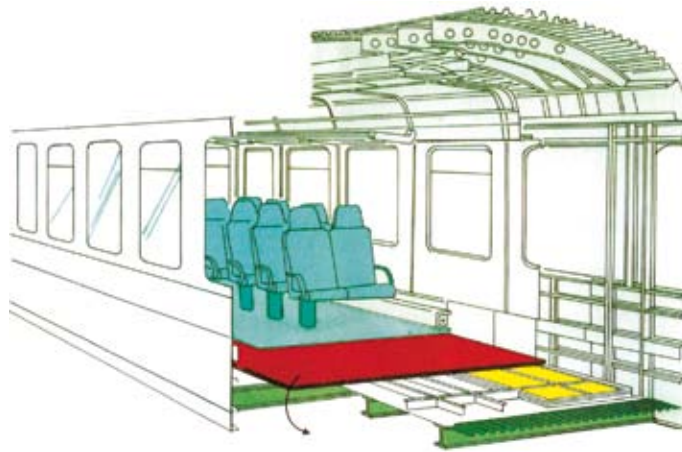
### Other information

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)	Airborne sound insulation			Loss factor
	Index Rw	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 of installation, maintenance, disposal, environmental matters etc. please contact your supplier or UPM.



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