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WISA®-WIRE

WISA-Wire is a plywood panel coated with dark brown phenolic resin coating with wiremesh pattern intended for use as flooring in transport industry and building applications.

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

Face: Phenolic resin coating with wiremesh pattern, dark brown (abt RAL 8017). Various coating weights (145, 167 and 220 g/m²) available.

Reverse: Phenolic moisture barrier. Available either smooth or imprinted.

Edge protection: Acryl-based paint

Machining

Edge and CNC machinings available on request.

Thicknesses and weights

Birch throughout construction

Nominal thickness (mm)	Number of plies	Thickness (mm)		Weight (kg/m ²)	Maxi panels thickness (abt mm)	
		Min	Max		Min	Max
9	7	8.8	9.5	6.1	8.3	9.1
12	9	11.5	12.5	8.2	11.0	12.0
15	11	14.3	15.3	10.2	13.8	14.8
18	13	17.1	18.1	12.2	16.6	17.6
21	15	20.0	20.9	14.3	19.5	20.5
24	17	22.9	23.7	16.3	22.3	23.3
27	19	25.2	26.8	18.4	24.7	26.3
29	21	28.1	29.9	20.4		
30	22	29.6	31.2	21.5		

Moisture content 8-12 %





Panel sizes

Standard dimensions:

1220/1250 x 2440/2500 mm
1525 x 2500/3050 mm
The largest standard size 1525 x 3660 mm

Maxi panels:

The largest scarf-jointed size 12300 x 2700 mm (birch only)

Size tolerances:

< 1000 mm	±1 mm
1000 - 2000 mm	±2 mm
2000 - 6000 mm	±3 mm
> 6000 mm	±5 mm

Squareness tolerance:

±1mm / 1000mm

Properties of panel surface

Rolling test (SS923502) 1750 cycles ±35 % cycles

Wear resistance Taber abraser value (DIN 53799)

380 rounds for 145 g/m² coating
450 rounds for 167 g/m² coating
570 rounds for 220 g/m² coating

For further information of installation, maintenance, disposal, environmental matters etc. please contact your supplier or check www.wisa.com.



UPM Plywood

Niemenkatu 16
P.O. Box 203
FI-15141 Lahti
Finland
Tel. +358 204 15 113
Fax +358 204 15 112

www.wisa.com
www.upm-kymmene.com

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