

WISA[®]-Wire

WISA-Wire is a plywood panel coated with dark brown phenolic resin coating with slip resistant wire mesh pattern. The product is intended for use as flooring in the transport industry i.e. trailers, horse boxes and railway wagons and building applications such as warehouse floors, loading platforms and scaffolding. WISA-Wire is a universal material for technical flooring applications.

Base panel

Birch plywood made solely from birch (hardwood) veneers.

Bonding

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

Surface

Face: Phenolic resin coating with wire mesh pattern, dark brown.

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

Edge protection: Acryl-based paint

Coating Weight: 120 g or 220 g/m²

Machining

Edge and CNC machining 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
28	20	26.6	28.2	19.4		
30	21	28.1	29.9	20.4		

Moisture content 8-12 %.





Panel sizes

Standard dimensions	1000 x 2500/3000 mm
	1200 x 2400 mm
	1220 x 2440 mm
	1250 x 2500 mm
	1500 x 3000 mm
	1525 x 3050 mm
	The largest standard size 1525 x 3660 mm
Maxi panels	1800 x 3000 mm
	2000 x 3000 mm
	The largest scarf-jointed size 12300 x 2700 mm
Size tolerances	< 1000 mm ±1 mm
	1000 - 2000 mm ±2 mm
	2000 - 6000 mm ±3 mm
	> 6000 mm ±5 mm

Squareness tolerance ±1 mm / 1000 mm

Properties of panel surface

Rolling test value (SS923502) 1750 cycles ±35 % cycles
 Wear resistance Taber abrasion value (DIN 53799)
 320 rounds on 120g/m², 570 rounds on 220g/m²

Environment

WISA products are manufactured in Europe according to the strictest sustainability principles. By choosing WISA, our customers can have the confidence that their plywood and veneer come only from legal sources and conform to all relevant standards and regulations, including the European Union Timber Regulation (EUTR).

UPM leads the integration of bio and forest industries into a sustainable future characterized by innovation, responsibility and resource efficiency.

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.