

WISA®-Wire

WISA-Wire is a plywood panel coated with dark brown phenolic resin coating with slipresistant wire mesh pattern. The product is intended for use as flooring in the transport industry i.e. trailers, trucks, railway wagons and light commercial vehicles such as vans and drop siders. It is also suitable for 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

Weather resistant gluing according to EN 314-2 / class 3.

Surfaces

Face: Phenolic resin coating with wire mesh pattern.

Reverse: Phenolic resin coating with or without imprint.

Colour: Dark brown

Coating weight: 120 g/m² or 220 g/m²

Edge protection

Acryl-based paint

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	26.9	27.9	19.4	26.1	27.7
30	21	28.1	29.9	20.4	27.6	29.4

Moisture content 8-12 %.

UK
CA

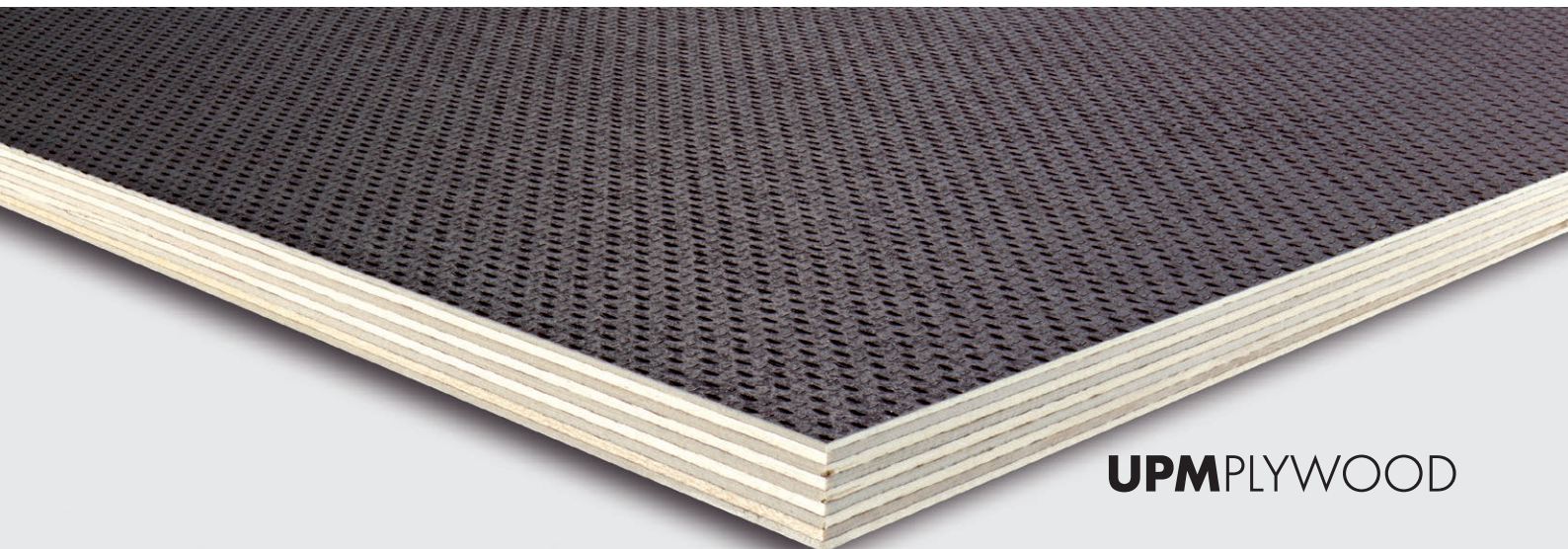
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Panel sizes

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 (SS 923508) 1750 cycles ±35 % cycles
 Wear resistance Taber abrasion value (DIN 53799)
 320 rounds on 120 g/m², 570 rounds on 220 g/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.

