

# WISA<sup>®</sup>-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 ie. 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

## Machining

Edge and face machining by CNC router available upon request.

## Thicknesses and weights

Birch throughout construction

Nominal thickness (mm)	Number of plies	Thickness (mm)		Weight (kg/m <sup>2</sup> )	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:** 1200/1220/1250/1500/1525 x  
2400/2440/2500/3000/3050 mm  
The largest standard size 1525 x 3660 mm

**Maxi panels:** The largest scarf-jointed size 12300 x 2700 mm

**Size tolerances:** < 1000 mm  $\pm$ 1 mm  
1000 - 2000 mm  $\pm$ 2 mm  
2000 - 6000 mm  $\pm$ 3 mm  
> 6000 mm  $\pm$ 5 mm

**Squareness tolerance:**  $\pm$ 1 mm / 1000 mm

### Properties of panel surface

Rolling test value (SS923502) 1750 cycles  $\pm$ 35 % cycles  
Wear resistance Taber abrasion value (DIN 53799)  
380 or 570 rounds depending on coating thickness

For further information on installation, maintenance, disposal, environmental matters etc.  
please contact your supplier or visit [www.wisaplywood.com](http://www.wisaplywood.com).



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