

WISA®-Truck Plus

WISA-Truck Plus is an ideal solution for truck and trailer flooring which would be subject to extremely heavy use. The solid birch plywood panel is coated with a thick and durable multilayer laminate with a wire mesh pattern. It is designed especially for loading parcel goods with roller cages. WISA-Truck Plus can be used as a single flooring surface structure, without the addition of aluminum or any other material. The durable panel is an economic and efficient choice. Furthermore, WISA-Truck Plus is more silent compared to many other flooring materials, allowing loading and unloading of roller cage containers in urban areas, late into the night and early hours without disturbing nearby residents.

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 impregnated multilayer laminate with wire mesh pattern.

Reverse: Phenolic resin coating.

Colour: Dark brown.

Edge protection

Acryl-based paint.

Machining

Edge and CNC machining available on request.

Thicknesses and weight of WISA-Truck Plus

Nominal thickness (mm)	Number of plies	Thickness (mm)		Weight (kg/m ²)
		Min	Max	
21	14	21.0	23.1	17.0
24	16	24.0	26.1	19.0
27	18	27.0	29.1	21.0
28	19	28.0	30.1	22.5
30	20	30.0	32.1	23.5
31	21	31.0	33.1	24.5
35	24	35.0	37.1	27.5

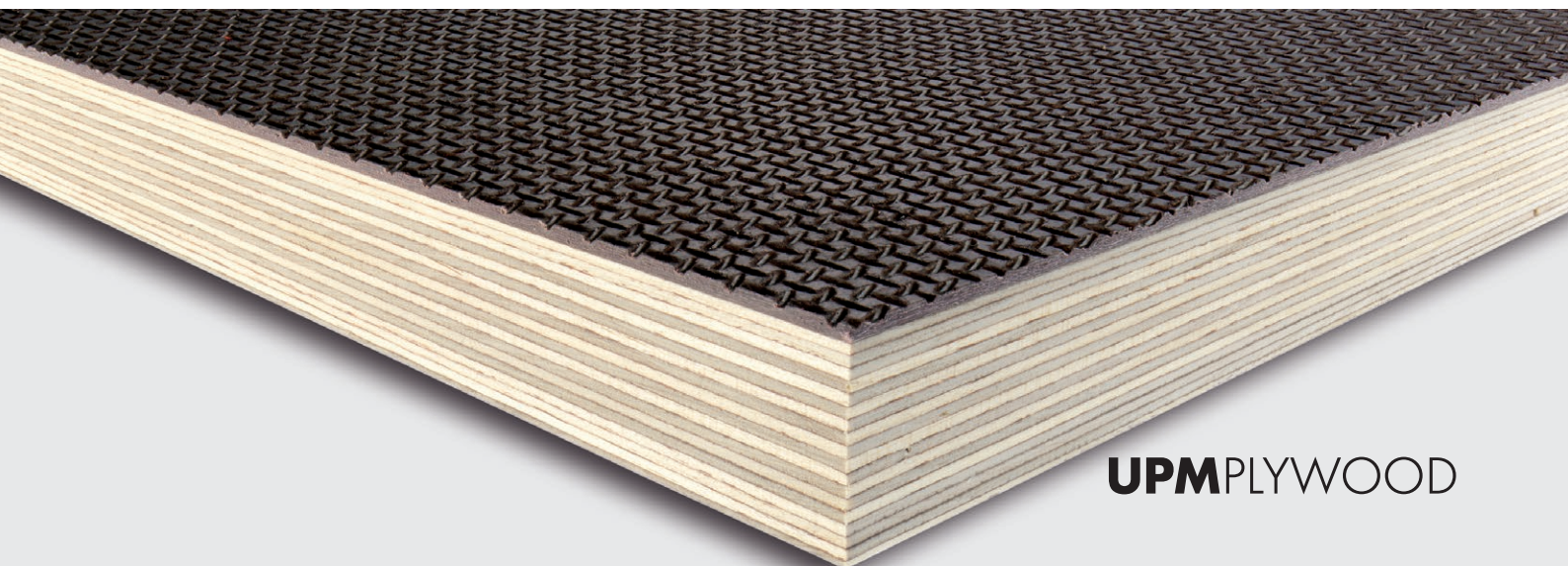
Moisture content 8 – 12%



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Panel sizes

Maximum size 1220 x 2500 mm
Other sizes at customer's request.

Size tolerances < 1000 mm ± 1 mm
1000 – 2000 mm ± 2 mm
2000 – 3000 mm ± 3 mm

Squareness tolerance ± 1 mm / 1000 mm

Properties of panel surface

Face: Taber abrasion values (DIN 53799) 30 100 rounds
Rolling test values SS 923508 210 000 cycles
 $\pm 35\%$ cycles

Improved water resistance through the coating on the top and the reverse.

Strength values

With special oriented construction

Span	Thickness	300 mm		400 mm		500 mm	
		P(kN)	d(mm)	P(kN)	d(mm)	P(kN)	d(mm)
	21	20	9	16	10	13	15
	24	26	7	22	10	19	14
	27	32	7	28	10	24	13
	28	36	6	30	9	27	12
	30	39	6	33	8	29	11
	31	41	5	35	7	31	10
	35	52	10	44	10	39	11

P = ultimate wheel load (no safety factor applied)

d = deflection with ultimate wheel load

Wheel contact area 80 x 180 mm (ISO 1496).

All panel edges supported. Moisture content 15%.

Table values are given on general level.

For specific loading details please contact your supplier.

For further information on installation, maintenance, disposal, environmental matters etc. please contact your supplier or visit www.wisaplywood.com.

