

WISA[®]-Truck Plus

WISA-Truck Plus is a wood based laminated panel with wire mesh pattern intended for extra heavy use. WISA-Truck Plus offers an excellent solution for truck and trailer flooring as well as for other 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 impregnated multilayer laminate with wire mesh pattern.

Colour: Dark brown.

Reverse: Phenolic moisture barrier.

Edge protection: Acryl-based paint.

Machining

Edge and face machining by CNC router available upon 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	22.5	17.0
24	16	24.0	25.5	19.0
27	18	27.0	28.5	21.0
28	19	28.0	29.5	22.5
30	20	30.0	31.5	23.5
31	21	31.0	32.5	24.5
35	24	35.0	36.5	27.5

Moisture content 8–10%





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 923502) 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.

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