



WISA®-Birch

WISA-Birch plywood is used

e.g. in transportation,

construction, furniture and

joinery industries.

Bonding

Phenolic resin cross-bonded weather resistant glueing according to EN 314-2 (Plywood - Bonding) class 3 exterior.

Surface

Face veneer qualities II (S), III (BB), IV (WG) comply with Standard EN 635 (Plywood - Classification by surface apperance).

Machining

Shapes, profiles and drillings according to customer's drawings available on request.

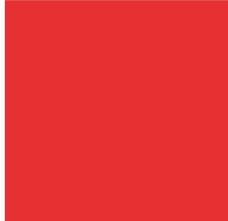
Thicknesses and weights

Thicknesses and tolerances fulfil the EN 315 (Plywood - Tolerances for dimensions) requirements and are in part stricter.

Other thicknesses on request.

Nom. thickness mm	No. of plies	Min. thickness mm	Max. thickness mm	Weight kg/m ² abt	Scarf jointed panels	
					Thickness min mm	Thickness max mm
6,5	5	6.1	6.9	4.4	5.7	6.5
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	13.9	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
30	21	28.1	29.9	20.4	27.6	29.4

Sizes and thicknesses relating to moisture content 8 - 12%.



Panel sizes

Standard panel sizes

1220 x 2440 mm
1220 x 3050/3660 mm
1250 x 2500 mm
1250 x 3000/3600 mm
1500 x 1500/2400/2500/3000/3600 mm
1525 x 1525/2440/2500/3050/3660 mm

Scarf jointed maxi sizes 1525...12500 x 600...2750 mm.
The largest scarf jointed panel size 12500 x 2750 mm.

Other dimensions on request.

Tolerances for standard size panels

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

Face grades S and BB are recommended where high strength is needed, not for visible or aesthetically demanding applications. Best suitable for industrial end uses, S - surface for painting and coating, BB - surface for painting or coating with thicker materials, WG - surface for reverse sides. For the best face grades for visible, demanding applications see WISA-Birch Premium.

Strength values

As per the Handbook of Finnish Plywood. See www.wisa.com

The strength of the scarf joint abt 10 - 30 % less than that of standard panels.

Installation instructions

The panels can have dimensional changes due to changes in the air humidity. The boards can be worked with ordinary hand tools.

Other information

Wood being a living material, every panel is unique. Thus a photograph or a sample piece cannot represent all the panels, as regards colours, shades, graining, knots etc.

Additional information

For further information of installation, maintenance, disposal, environmental matters etc. please contact your supplier or UPM.

UPM policy is one of continuous development. We reserve the right to amend specifications without notice or obligation.



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