

WISA® -Birch Premium WISA® -Birch^{LG} Premium

WISA-Birch Premium and WISA-Birch^{LG} Premium are the perfect choice when a beautiful, light finish is desired without compromising excellent strength properties. These premium plywood products make a good base for different surface treatments such as lacquering, varnishing and wood staining. Therefore they are ideal for visually demanding applications and uses, such as furniture and interior lining applications.

Product

WISA-Birch Premium and WISA-Birch^{LG} Premium are manufactured from birch veneers glued together in a cross-banded construction. WISA-Birch Premium is with surface veneer grain in short dimension and WISA-Birch^{LG} Premium with surface veneer grain in long dimension.

Bonding

Weather resistant gluing according to EN 314-2 class 3 Exterior or interior gluing according to EN 314-2 class 1 Interior.

WISA-Birch Premium and WISA-Birch^{LG} Premium fulfill the requirements of EN 13986 E1 low formaldehyde emission class.

On request, deliveries according to TSCA Title VI.

Surface

Face: Premium

Reverse side: BB

Face veneer quality Premium is specially designed to meet the highest requirements of light surface appearance. Face is manufactured of one single sheet, is free from veneer patches and shows light and unified outlook.

Machining

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

Panel sizes

Standard panel sizes 1220/1250 x 1220/1250/2440/2500/3000/3050
1500/1525 x 1500/1525/2500/3000/3050 mm

Standard sizes LG 2440/2500 x 1220/1250 mm

Size tolerance (length/width) ± 1 mm/1000 mm

Squareness tolerance ± 1 mm/1000 mm



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ISO 9001 = ISO 14001





Thicknesses and weights

Nominal thickness (mm)	Numbers of plies	Thickness (mm)		Weight (kg/m ²) abt
		Min	Max	
6.5	5	6.1	6.9	4.4
9	7	8.8	9.5	6.1
12	9	11.5	12.5	8.2
15	11	14.3	15.3	10.2
18	13	17.1	18.1	12.2
21	15	20.0	20.9	14.3
24	17	22.9	23.7	16.3
27	19	25.2	26.8	18.4
30	21	28.1	29.9	20.4

Sizes and thicknesses relating to moisture content 8–12 %

Thicknesses and tolerances fulfill the requirements of EN 315 (Plywood - Tolerances for dimensions) and are in part stricter. Designed strength properties and thicknesses available on request.

For all detailed technical values, please see DoP (Declaration of Performance) UPM007CPR (exterior) or UPM020CPR (interior) on www.wisaplywood.com/dop.

Storage instructions

Panels should be stored horizontally on a level surface in a dry, covered area.

Installation instructions

The panels can have dimensional changes due to changes in air humidity. Please leave 1–2 mm/m expansion gaps between panels during installation. Panels can be processed with ordinary wood working tools. Panels can be surface treated, e.g. varnished, lacquered or stained.

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 characterised by innovation, responsibility and resource efficiency.

Additional information

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

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

