

WISA® -Birch Special

WISA-Birch Special is a multipurpose high quality product for applications where beautiful, sound appearance and excellent strength are essential. WISA-Birch Special has a light, smooth and even surface, which offers an optimal base for overlaying methods and high quality painting. Due to its superb properties, uncoated WISA birch plywood is widely used in the demanding vehicle, shipbuilding, construction and furniture industries.

Product

WISA-Birch Special is manufactured from birch veneers glued together in a cross-banded construction.

Bonding

Weather resistant gluing according to EN 314-2/class 3 Exterior.

WISA-Birch Special fulfills the requirements of EN 13986 E1 low formaldehyde emission class.

On request, deliveries according to TSCA Title VI.

Surface

Available surface qualities:

Face: Improved S (II)

Reverse side: BB

All available surface qualities comply with the EN 635 standard (Plywood - Classification by surface appearance) and are in part stricter.

Improved S is for end uses where light, unified and even surface is required. Face is manufactured of one single sheet and is free from patches.

Machining

Pre-cut panels and CNC machined components available on request.

Panel sizes

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

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

Squareness tolerance ± 1 mm/1000 mm





Thicknesses and weights

Nominal thickness (mm)	Number 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 our DoP (Declaration of Performance) UPM007CPR 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.

WISA-Birch Special can be processed with ordinary wood working tools. Panels can be painted, varnished or lacquered.

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 see www.wisaplywood.com or contact your supplier or UPM.



UPM Plywood

www.wisaplywood.com
www.upm.com

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