

WISA®-Twin

WISA-Twin is a light-weight construction panel with a birch surface and spruce core. The birch veneers make the surface even, smooth and light in colour while the spruce inner veneers keep the panel light in weight. These are the main properties that make WISA-Twin a multipurpose construction panel which is easy to handle and use. It is ideal for structural end uses but it also works well when left visible, for instance, in shop fitting.

Base panel

Plywood made from birch face veneers and spruce inner veneers.

Bonding

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

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

On request deliveries according to CARB Phase II / JAS Four stars.

Surface

Fully sanded long grain birch with a light coloured, smooth surface

Face: Quality BB

Reverse: Quality WG

For highly visual applications see WISA-Birch or WISA-Birch Premium.

Standard thicknesses and weights

Nominal thickness (mm)	Number of plies	Tolerances (mm) Min	Tolerances (mm) Max	Weight (kg/m ²) abt
5	3	4.7	5.3	2.7
9	5	8.8	9.5	5.0
12	5	11.5	12.5	6.5
15	6	14.3	15.3	7.4
18	7	17.1	18.1	8.9
21	8	20.0	20.9	10.3
24	8	22.9	23.7	11.4

Sizes and thicknesses relating to moisture content 7–12 %.

Thicknesses and tolerances fulfil the EN 315 requirements.

Panel sizes

2440 x 1220 mm

2500 x 1250 mm

Size tolerances

< 1000 mm ± 1 mm

1000 - 2000 mm ± 2 mm

> 2000 mm ± 3 mm

Squareness tolerance ± 1 mm / 1000 mm





Technical properties

For all detailed technical values, please see DoP (Declaration of Performance) UPM012CPR on www.wisaplywood.com/dop.

Storing instructions

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

Installation instructions

The panels can undergo dimensional changes due to changes in air humidity. Please leave 1–2 mm expansion gaps between panels during installation. The panels can be worked with ordinary hand tools.

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. Thus a photograph or a sample piece cannot represent all the panels, as regards 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.

