

# WISA®-Multiwall

WISA-Multiwall is a high quality polypropylene coated wall lining panel for end uses where a good looking surface material is needed. WISA-Multiwall has been developed for sidewalls of vehicles, such as horse trailers and linings of vans, but also for shop fitting and interior linings. It is an ideal decorative material for the various needs of the transport and construction industries.

## Base board

Birch plywood made solely from birch (hardwood) veneers bonded together in a cross-banded construction.

## Bonding

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

Gluing of coating according to EN 204 class D4.

## Surface and edges

Face and reverse side 0.2 mm, slightly embossed polypropylene coating with lacquered surface.

Colours: white (RAL 9010) and grey (RAL 7001).

Other colours available subject to a minimum order size.

Edge sealing: Water resistant paint.

Surface has good chemical resistance (ISO 175) and it is easy to clean with water and detergent.

Thanks to its good UV-resistance and color stability (6-7 according to EN ISO 105-B02),

product offers long lasting solution for variety of outdoor and indoor use applications.

Adhesive tapes can be attached on the product surface for commercial purposes. Elastic and

non-cracking product surface has good mechanical durability with taber abrasion value

(DIN 53799) of 1800 rounds.

## Machining

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

## Panel sizes

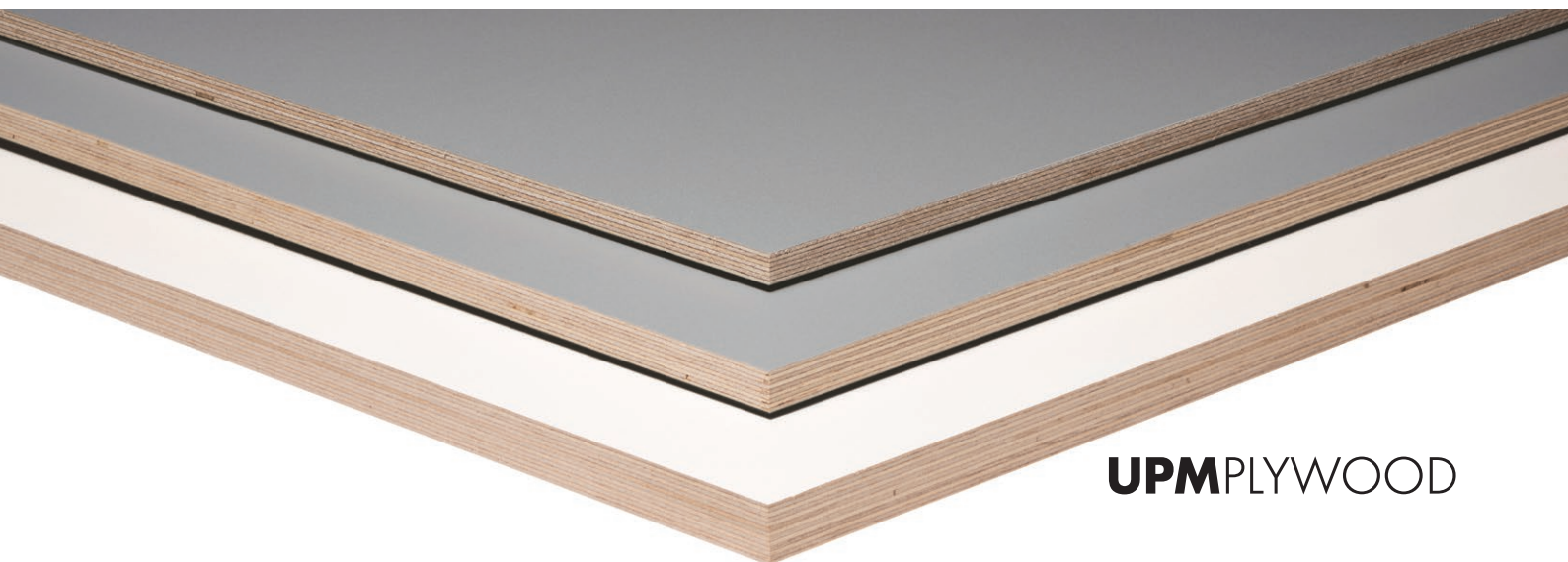
1220/1250 x 2440/2500

1500/1525 x 2500/3000/3050

Other sizes upon request.

Size tolerance (length/width) +/- 1 mm/1000 mm

Squarness tolerance +/- 1 mm/1000 mm





### Thicknesses and weights

Nominal thickness (mm)	Number of plies	Min	Thickness (mm)	Max	Weight (kg/m <sup>2</sup> ) abt
6.5	5	6.6		7.4	4.8
9	7	9.3		10.0	6.5
12	9	12.0		13.0	8.6
15	11	14.8		15.6	10.6
18	13	17.4		18.4	12.6
21	15	20.3		21.2	14.7
24	17	23.2		24.0	16.7
30	21	28.6		30.4	20.2

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.

For all detailed technical values, please see our DoP (Declaration of Performance) UPM025CPR on [www.wisaplywood.com/dop](http://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-Multiwall can be processed with ordinary wood working 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. 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](http://www.wisaplywood.com) or contact your supplier or UPM.

