

WISA®-TopGrip

WISA®-TopGrip cargo securing solution enables safe and efficient loading. The panels are manufactured in an automated process, which guarantees even coating thickness, constant product properties and quality. WISA-TopGrip eliminates the need of disposable friction mats; high friction flooring is more sustainable for the environment and saves money up to 20 € or more per truck load. WISA-TopGrip simply improves profitability of logistic operations. More information on www.wisaplywood.com/wisa-topgrip

Base board

Birch plywood made solely from birch (hardwood) veneers.

Panel construction

Standard cross-banded construction or strength optimised oriented construction.

Bonding

Weather resistant glueing according to EN 314-2/class 3 exterior, EN 636-3.

Surface: 2 mm high-friction black PU based coating

Reverse: Dark brown phenolic film as a moisture barrier

Edge protection: Acryl-based paint

Properties of panel surface

Friction coefficient (VDI2700 Part 14)

> 0.7 measured with paper reel

> 0.7 measured with wooden euro pallet

> 0.7 measured with box pallet with mesh sides

Slip resistance (DIN 51130): R9

Wear resistance Taber abrasion value (DIN 53799) 20,000 rounds.

Improved water resistance through the coating on the top and the reverse.

The friction values mentioned above are valid when measurements are made on clean and dry surfaces.

User information

Friction is a property between two surfaces. In order to get the best performance from WISA-TopGrip, the surface should be kept clean and dry. Any additional element e.g. sand, water and other liquids, dirt or ice will affect its friction properties. The floor may be slippery when wet, use due caution.

The friction property depends on the usage and the maintenance of the floor. Therefore, a general statement of the friction property of a used floor cannot be given.

Please note that dragging pallets along the floor or wheelspin on the floor can damage the coating.



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Thicknesses and weights

Nominal thickness (mm)	Number of plies	Thickness tolerances including coating		Weight (kg/m ²) abt
		Min. mm	Max. mm	
9	7	10.6	11.7	8.1
12	9	13.3	14.7	10.2
15	11	16.1	17.5	12.2
18	13	18.9	20.3	14.2
21	15	21.8	23.1	16.3
24	17	24.7	25.9	18.3
27	19	27.0	29.0	20.4
28	20	28.7	30.1	21.3
30	21	29.9	32.1	22.4
31	22	31.4	33.4	23.1

Moisture content 8–12%.

Panel sizes

1250 x 2500 mm
 1500 x 2500 mm
 Other sizes on request.

Size tolerances

< 1000 mm	± 1 mm
1000–2000 mm	± 2 mm
> 2000 mm	± 3 mm

Squareness tolerance ±1 mm / 1000 mm

Machining

Edge and CNC machining available on request.

Environment

WISA products are manufactured in Europe in accordance with 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 characterized 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.

