

# WISA® -TopGrip Evo2

WISA®-TopGrip Evo2 cargo securing solution enables safe and efficient loading. The 2nd generation WISA-TopGrip Evo2 panels are manufactured in an automated process, which guarantees constant product properties and quality. The friction properties have improved by 25% in comparison to 1st generation WISA-TopGrip, and regular, even coating thickness ensures that the trailer floor is smooth and consistent. WISA-TopGrip Evo2 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 Evo2 simply improves profitability of logistic operations.

## 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)

> 0.75 measured with paper reel

> 0.75 measured with wooden euro pallet

> 0.75 measured with gitterbox

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

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

## User information

Friction is a property between two surfaces. The above mentioned friction values are obtained when measurements are made on clean and dry surfaces. Therefore, in order to get the best performance from WISA-TopGrip Evo2, 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 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 can damage the coating.

For loading with pallet trucks we recommend using WISA-Wire, WISA-Trans or WISA-Truck Plus for the flooring.





### Thicknesses and weight

Nominal thickness mm	Number of plies	Thickness tolerances including coating		Weight kg/m <sup>2</sup>
		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

1220 x 2440 mm

1250 x 2500 mm

1500 x 2500 mm

1525 x 3050 mm

The largest size 1525 x 3600 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.



UPM Plywood

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