



Riga Trans, Trans Heavy

Riga Trans and Trans Heavy are birch throughout plywoods, overlaid with a hard wearing film with an enhanced anti-slip pattern for durable performance.

Applications

Riga Trans and Trans Heavy are durable panels, designed for the highest demanding industrial flooring applications, where high wear resistance and excellent anti-slip properties are required.



ROAD TRANSPORT

Heavy commercial vehicles
Heavy & Speciality trailers



SEA TRANSPORT

Containers



RAIL TRANSPORT

Cargo wagons



LIGHT BUILDING

Outdoor solutions
Stage systems & Industrial flooring

Major advantages

- Extremely abrasive and anti-slip surface ensures transportation and underfoot safety
- Weather resistant gluing and water resistant surface
- Excellent strength-to-weight ratio
- Durable and heavy-duty
- Surface is resistant to commonly used chemicals and surface impact
- Sustainable product with long life span

Further processing

Riga Trans can be further processed according to customer's specification with: cut-to-size, CNC, drilling, milling, jointing, edge machining, assembling in sets, and scarf jointing. For Riga Trans Heavy the use of diamond cutting tools is recommended. Following any on-site cutting, machining and drilling, all exposed edges should be thoroughly sealed.

Overlying

Overlaid with phenolic resin impregnated film, which is hot-pressed onto the sheet surface, using special press plates on one side.

Surface properties

The overlay improves panel resistance against mechanical damage and wear. It resists abrasion, commonly used chemicals, and is weather and moisture proof. Riga Trans Heavy with a wear resistant film significantly improves abrasion resistance. Riga Wood experts will advise the most appropriate overlay depending on the end use.

Wear resistance

Taber test (EN 438-2) for Riga Trans is up to 1,500 revolutions, for Riga Trans Heavy it is up to 5,000 revolutions. Rolling test (EN 1818) up to 6,000 cycles depending on the coating. Rolling wear is tested with a load of 300 kg.

Slip resistance

Excellent surface friction increases anti-slip resistance, and can even exceed the highest R13 class according to DIN 51130.

Film colour

- dark brown

Film weighs from 350 g/m² to 440 g/m².

Edge sealing

The edges are sealed with colour matched moisture resistant paint. Other colours are available upon request.

Panel sizes

- 1220 / 1250 mm × 2440 / 2500 / 3000 / 3050 mm
- 1500 / 1525 mm × 2500 / 3000 / 3050 / 3660 mm
- 2150 mm × 3850 mm

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Standard thicknesses

9, 12, 15, 18, 21, 24, 27, 30, 35 mm
Other thicknesses available on request.

Gluing classes

Riga Wood birch plywood is glued with weather and boil-proof phenol formaldehyde or lignin phenol formaldehyde resin adhesive according to EN 314/Class 3 Exterior.
Bonding with moisture resistant melamine-urea-formaldehyde resin according to EN 314 / Class 1 and BS 1203 / H1 possible.

Tolerance


Nominal thickness, mm	9	12	15	18	21	24	27	30	35
Number of plies	7	9	11	13	15	17	19	21	25
Lower limit, mm	8.8	11.5	14.3	17.1	20	22.9	25.8	28.7	33.6
Upper limit, mm	9.5	12.5	15.3	18.1	20.9	23.7	26.8	29.9	35.4

Moisture content affects plywood dimensions; indicated sizes and thicknesses relate to a moisture content $9 \pm 3\%$.

Parameter	Tolerance
Length, width (mm) < 1000	± 1 mm
Length, width (mm) – 1000..2000	± 2 mm
Length, width (mm) > 2000	± 3 mm
Squareness tolerance	± 1 mm/m
Edge straightness	± 1 mm/m

Size, squareness and thickness tolerances fulfil the requirements of EN 315.

Customised tolerances available on request.

 Additional information is available in the Riga Wood plywood handbook:
<https://www.finieris.com/en/downloads/brochures>

The provided information is for reference only and Riga Wood reserves the right to amend and supplement the specifications of manufactured products without prior notice. Wood is a living material; therefore, each panel is unique and minor differences are possible. Riga Wood does not guarantee a product's compliance with the requirements of any specific purpose.

Formaldehyde emission

Riga Wood birch plywood formaldehyde emission level is significantly below EN 13986 Class E1 and complies with new REACH Formaldehyde Restriction Regulation EU 2023/1464, EPA TSCA Title VI and CARB Phase 2.

Compliance to REACH

Riga Wood birch plywood meets all the requirements of the REACH Regulation. It does not contain SVHC (Substances of Very High Concern) listed on the REACH candidate list for authorisation exceeding concentration 0.1 % by weight.

Sustainability

We strongly believe that wood-based products in industrial use are a great option for carbon storage and a big part of the solution to achieve climate change mitigation. The key principles of sustainability and responsible governance are deeply rooted in our company's traditions and we aim to further develop our initiatives by actively engaging with stakeholders, material suppliers and clients.

Storage

Plywood must be stored in a well ventilated, weather protected area with the panels stacked both horizontally and level.