RigaWood
Latvijas Finieris Group

Riga Foot

Riga Foot is a birch throughout plywood, overlaid with a hard wearing film with a unique footprint pattern, combining both functionality and an aesthetic visual appearance.

Applications

Riga Foot is a durable panel for demanding flooring applications; it will be used anywhere high wear resistance, anti-slip properties and decorative appearance are required.

ROAD TRANSPORT
Light & Heavy commercial vehicles
Light & Heavy trailers
Buses

LIGHT BUILDING
Stage systems & Industrial flooring
Joinery, furniture & Shopfittings
Outdoor solutions

HEAVY BUILDING
Scaffolding

Major advantages

• Abrasive surface ensures underfoot safety and a safe surface for freight transport • 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, easy to clean • Aesthetic and visually attractive • Sustainable product with long life span

Further processing

Panels can be further processed according to customer's specification with: cut-to-size, CNC, drilling, milling, jointing, edge machining, assembling in sets.

Overlaying

Overlaid with resin impregnated film, during the coating process a unique footprint pattern is hot-pressed onto the sheet surface. Depending on the application, films impregnated with unmodified or modified phenolic or melamine resins are applied.

Surface properties

The overlay improves panel resistance against mechanical damage and wear, whilst providing a decorative appearance. The surface resists abrasion, commonly used chemicals, and is weather and moisture resistant. The reverse side is smooth, overlaid with resin impregnated film.

Wear resistance

Rolling test (EN 1818) more than 10,000 cycles depending on the coating. Rolling wear is tested with a load of 300 kg.

Taber test (EN 438-2) up to 10,000 revolutions depending on the coating.
Dark brown 220 g/m² up to 900 revolutions
Special wear resistant film 350 g/m² up to 10,000 revolutions

Slip resistance

Anti-slip resistance class R10 according to DIN 51130.

Film colour

Based on phenolic resin:

- dark brown
- black
- green*
- light brown*
- yellow

Based on melamine resin:

- silver grey
- honey*
- opal white*
- light grey
- blue

Film weights from 120 g/m² to 660 g/m².
*With BB grade veneer under these translucent films.

Edge sealing

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

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Panel sizes

- 1220 / 1250 mm × 2440 / 2500 / 2745 / 2750 / 3000 / 3050 mm
- 1500 / 1525 mm × 2440 / 2500 / 2745* / 2750* / 3000** / 3050** mm
- 2440 / 2500 mm × 1220 / 1250 mm

* Max thickness 30 mm; ** Max thickness 24 mm

Standard thicknesses

6.5, 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 low emission melamine-urea-formaldehyde resin according to EN 314 / Class 1 and BS 1203 / H1 possible.

Tolerance

Nominal thickness, mm	6.5	9	12	15	18	21	24	27	30	35
Number of plies	5	7	9	11	13	15	17	19	21	25
Lower limit, mm	6.1	8.8	11.5	14.3	17.1	20	22.9	25.8	28.7	33.6
Upper limit, mm	6.9	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 ± 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.

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.

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