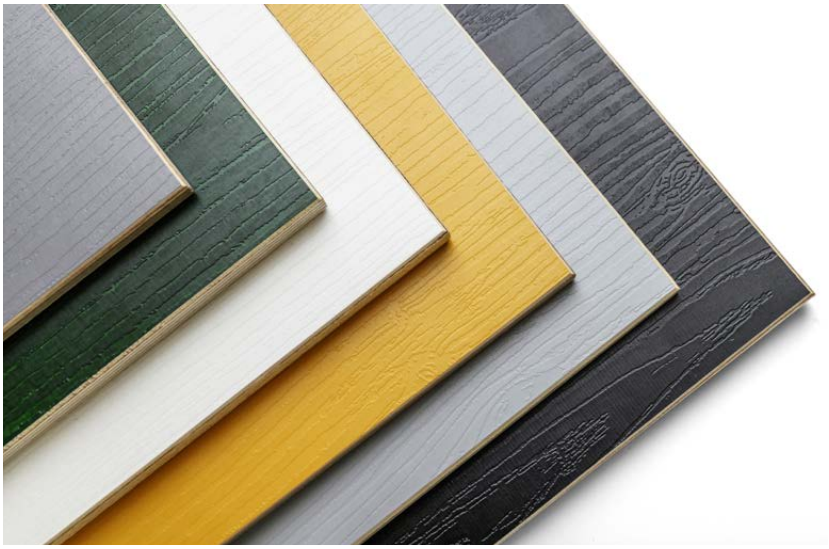

Riga Wood
Latvijas Finieris Group

Riga Timber

Riga Timber is a birch throughout plywood, overlaid with a hard wearing film with a special wooden structure pattern, combining both functionality and a decorative visual appearance.

Applications

Riga Timber is a durable panel for applications where functionality and a wooden surface structure appearance are required.

LIGHT BUILDING
Decorative wall & Ceiling linings
Stage systems
Joinery, furniture & Shopfittings
Outdoor solutions

HEAVY BUILDING
Loose shuttering

ROAD TRANSPORT
Passenger cars
Light commercial vehicles

Major advantages

• High wear resistance, durable and heavy-duty surface • Excellent strength-to-weight ratio • Aesthetic and visually attractive wooden surface structure • Weather resistant gluing and water resistant surface • Surface is resistant to commonly used chemicals and surface impact, easy to clean for repeated uses • Sustainable product with long life span

Further processing

Riga Timber can be further processed according to customer's specification with: cut-to-size, CNC, drilling, milling, jointing, edge machining, and assembling in sets. Following any on-site cutting, machining and drilling, all exposed edges should be thoroughly sealed.

Overlaying

Overlaid with resin impregnated film which is hot-pressed onto the sheet surface, using special wooden structure embossed press plates on one side. Depending on the application, films impregnated with modified phenolic or melamine resins can be applied and performance further enhanced with multiple overlays.

Surface properties

The wooden pattern 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. It can be easily cleaned with water or steam. The reverse side is smooth, overlaid with resin impregnated film. Riga Wood experts will advise the most appropriate overlay depending on the end use.

Wear resistance

Taber test (EN 438-2) up to 2,500 revolutions depending on the coating.

Film colour

Based on phenolic resin:

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

Based on melamine resin:

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

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.

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

Riga Timber

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.

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.

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.

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