RigaWood
Latvijas Finieris Group

Riga Lacquer

Riga Lacquer is a birch throughout plywood with a lacquered surface finish on one or both faces.

Applications

Riga Lacquer is a high quality decorative panel for interior applications, with a naturally beautiful wooden structure and improved surface properties suitable for civil projects as well as industrial end uses.

LIGHT BUILDING
Decorative wall & Ceiling linings
Joinery, furniture & Shopfittings

PACKAGING
Die boards

ROAD TRANSPORT
Buses
Passenger cars

Major advantages

- Durable decorative surface with gloss or matte finishing
- Naturally beautiful wood appearance
- Wide range of different coloured lacquers
- Ready to use surface panel representing substantial time and cost saving
- Surface is resistant to commonly used chemicals and surface impact, easy to clean
- Sustainable product with long life span

Further processing

Riga Lacquer 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. For applications where insulation and acoustic performance are required, perforated and grooved acoustic panels are possible. More information available in the Acoustic panel leaflet.

Coating and surface properties

Different lacquering systems are available on request:
- LC: acid catalysed solvent based
- LPU: acrylic-based polyurethane
- LUV: UV curing

Standard semi-gloss finishing with 25 gloss units, from 5 to 45 gloss units available on request (at G60° according to ISO 2813).
Colour: by default transparent colour. Pigmented/coloured lacquering systems available on request.

Edge sealing

The edges can be sealed 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

* Available for Riga Lacquer LUV

Standard thicknesses

6.5, 9, 12, 15, 18, 21, 24 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.

Base plywood

Riga Lacquer with optically good peeled veneer in S (II) and BB (III) grade (according to the requirements of EN 635) and as well as on Riga Decor with slice veneer surfaces in birch, oak, ash, beech, and others.

Formaldehyde emission

Riga Lacquer birch plywood formaldehyde emission level complies with EN 13986 Class E1 and new REACH Formaldehyde Restriction Regulation EU 2023/1464.

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Tolerance

Nominal thickness, mm	6.5	9	12	15	18	21	24
Number of plies	5	7	9	11	13	15	17
Lower limit, mm	6.1	8.8	11.5	14.3	17.1	20	22.9
Upper limit, mm	6.9	9.5	12.5	15.3	18.1	20.9	23.7

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.

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.

Surface Cleaning Tips

Avoid the use of abrasive or polishing agents. Instead, opt for gentle and mild cleaning agents and tools. After cleaning, always ensure thorough drying with a clean, dry cloth to prevent streaks and stains caused by residual cleaning agents. Exercise caution to avoid excessive water usage on the coated surfaces. Test any cleaning product in an inconspicuous area before use. Riga Wood cannot be held responsible for any misuse or improper handling.

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