



Riga Color

Riga Color is a birch throughout plywood with an industrial solid color lacquered finish on one or both faces.

Applications

Riga Color is a high quality, decorative, solid coloured, lacquered panel with a smooth semi gloss surface and improved surface properties suitable for civil projects and interior industrial applications.



LIGHT BUILDING

Decorative wall & Ceiling linings
Joinery, furniture & Shopfittings

Major advantages

- Durable decorative surface with semi-gloss finishing ensures a long lasting and crack resistant surface
- Wide range of different coloured lacquers available
- Industrially lacquered, ready-to-use surface, representing a substantial time and cost saving
- Designed for indoor applications
- Surface is resistant to commonly used chemicals, surface impact, and is easy to clean
- 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.

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

Coating and surface properties

Riga Color is overlaid with a painting film, which is hot-pressed onto the panel surface, forming a base for our industrial CC-INT lacquering system. Reverse face can be offered with the same painting film, phenol film or raw plywood in various grades.

Lacquering system applied:

CC-INT – acid and solvent based two compound uni colour. Gloss level from 35 to 40 gloss units (at G60° according to ISO 2813). The surface is homogeneous and even.

Riga Color can be coated with epoxy paint to form a smooth, durable and long-lasting surface for a variety of industrial end uses.

Edge sealing

The edges can be sealed upon request.

Panel sizes

- 1220 / 1250 mm x 2440 / 2500 / 2745 / 2750 / 3000 / 3050 mm
- 2440 / 2500 mm x 1220 / 1250 mm

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.

Formaldehyde emission

Riga Wood birch plywood formaldehyde emission level is significantly below EN 13986 Class E1 and complies with EPA TSCA Title VI and CARB Phase 2.

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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 $9 \pm 3\%$.

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.

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>

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.