



# Riga Prime

Riga Prime is a birch throughout plywood with a primed surface on either one or both faces, prepared for further surface treatment or immediate use.

## Applications

Riga Prime's durable and uniform surface is a perfect base for painting or varnishing, and provides a good base for self-adhesive materials.



### PACKAGING

Die boards  
High-end packaging



### LIGHT BUILDING

Stage systems & Industrial flooring  
Panels for overlaying



### ROAD TRANSPORT

Speciality trailers

## Major advantages

- Durable and uniform surface for industrial varnishing
- Smooth and even finish, resulting in substantial time and cost saving
- Easy machining, laser application possible
- Excellent for die-board applications, due to high stability and service life as well as optimal balance between weight and accuracy
- Firm and solid base for die-cutting blades
- Sustainable product

## Further processing

Riga Prime 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. Following any on-site cutting, machining and drilling, all exposed edges should be thoroughly sealed.

## Grades for overlaying

Depending on the application, plywood grades S (II), BB (III) and WG (IV) are used (classification according to EN 635-2).

## Primer

Riga Ply birch plywood with UV curing primer for indoor use.

## Coating methods

UV curing primer applied by roller coating method. The volume of primer can be customised to between 25 g/m<sup>2</sup> (PUV1) – 90 g/m<sup>2</sup> (PUV4) according to end use.

Colour of primer: by default transparent colour. Pigmented/coloured primers 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

## 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.

# Riga Prime

## 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.

## 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>

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.