

Riga Preprime, Paint

Riga Paint and Riga Preprime are birch throughout plywoods, designed for long-lasting and easy painting. Riga Paint is overlaid with a painting film for further priming or painting, while Riga Preprime is overlaid with a preprimed painting film and is ready for final coating.

Applications

The crack resistant surface is the perfect base for a straight forward painting process with a long-lasting finish for both interior and exterior applications.



LIGHT BUILDING

Decorative wall & Ceiling linings
Outdoor solutions
Joinery, furniture & Shopfittings



ROAD TRANSPORT

Light & Heavy trailers
Light & Heavy commercial vehicles



SEA TRANSPORT

Yachts & Boats

Major advantages

- Ensures a solid and crack resistant base for painting
- Ready-to-paint with final coating surface
- Suitable both for interior and exterior applications
- Quick and easy to paint whilst reducing paint consumption
- Suitable for most commercial paint types
- Outstanding paint adhesion with even paint finish
- 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, and scarf jointing. Following any on-site cutting, machining and drilling, all exposed edges should be thoroughly sealed.

Overlaying

Riga Paint is overlaid with a painting film and Riga Preprime with a preprimed painting film, which are hot-pressed onto the panel surface. The reverse face can be overlaid with the same painting film, phenol film or raw plywood in various grades.

Painting instructions

The Riga Preprime surface is created with the application of a thermoset acrylic latex primer topcoat that is compatible with the use of standard latex, alkyd and oil based paints.

The Riga Paint surface is usually finished on site with either latex, alkyd, oil, polyurethane or epoxy paints.

The suitability of the paint should be tested separately case by case – always comply with the paint manufacturer's instructions.

Surface properties

The surface is homogeneous and even, paint consumption is reduced and paint cracking avoided.

Film colour

Riga Paint: ● brown, film weight 215 g/m²

Riga Preprime: ● light grey, film weight 350 g/m²

The total coating can reach up to 450 g/m², depending on the applied glue film.

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 / 3340 / 3660 mm
- 1500 / 1525 mm × 2440 / 2500 / 2745 / 2750 / 3000 / 3050 / 3340 / 3660 mm
- 1830 / 1850 mm × 3050 / 3340 / 3660 / 3850 mm*
- 2150 mm × 3050 / 3340 / 3850 / 4000 mm*
- 2440 / 2500 mm × 1220 / 1250 mm

* Available for Riga Preprime

Standard thicknesses

6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 mm

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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	40	45	50
Number of plies	5	7	9	11	13	15	17	19	21	25	29	32	35
Lower limit, mm	6.1	8.8	11.5	14.3	17.1	20	22.9	25.8	28.7	33.6	38.4	43.3	48.1
Upper limit, mm	6.9	9.5	12.5	15.3	18.1	20.9	23.7	26.8	29.9	35.4	41.2	46.4	51.5

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.