RigaWood
Latvijas Finieris Group

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.

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/m² (PUV1) – 90 g/m² (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 x 2440 / 2500 / 2745 / 2750 / 3000 / 3050 mm
1500 / 1525 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 ± 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

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