



# Riga Decoline

Riga Decoline delivers the look of premium birch plywood, ensuring consistent high-grade surface quality without the limitations of rare veneer. Either one or both faces are overlaid with protective melamine for a long-lasting finish and easier processing.

## Applications

With unmatched consistency and durability, Riga Decoline is ideal for interior architectural elements, furniture, and joinery where both decorative quality and surface durability are required. It offers a ready-to-use solution for achieving the finest birch plywood surfaces.



### LIGHT BUILDING

Decorative wall & Ceiling linings  
Joinery, furniture & Shopfittings



### SEA TRANSPORT

Yachts & Boats

## Major advantages

- Showcases birch wood grain
- Seamless integration into diverse projects while maintaining a consistent finish
- Increased scratch and crack resistance
- Architecturally multifunctional use
- High quality, hygienic and odour free surface
- Weather resistant gluing and water resistant surface
- Surface is resistant to commonly used chemicals and surface impact, easy to clean for repeated uses
- High wear resistance and durability
- Sustainable product with long life span

## Overlying

Riga Decoline is overlaid with a modified melamine resin film that is hot-pressed onto the panel, creating a smooth, decorative, and highly durable finish.

The reverse face can be supplied raw or overlaid with melamine or phenol film depending on application requirements.

## Surface properties

The surface is smooth and dense and has a beautiful natural birch wood design. Melamine coating increases the board's resistance to mechanical damage and wear, making it resistant to abrasion, common chemicals and moisture.

## Further processing

Riga Decoline can be further processed according to customer's specification with: cut-to-size, CNC, drilling, milling, jointing, edge machining, and assembling in sets.

## Film weight

Riga Decoline is coated with a protective melamine film with a weight of 359 g/m<sup>2</sup>.

## Panel sizes

- 1220 / 1250 mm × 2440 / 2500 / 2745 / 2750 / 3000 / 3050 mm
- 1500 / 1525 mm × 2440 / 2500 / 2745 / 2750 / 3000 / 3050 mm

## Standard thicknesses

6,5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 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 new REACH Formaldehyde Restriction Regulation EU 2023/1464, EPA TSCA Title VI and CARB Phase 2.

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## 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	$\pm 1$ mm
Length, width (mm) – 1000..2000	$\pm 2$ mm
Length, width (mm) > 2000	$\pm 3$ mm
Squareness tolerance	$\pm 1$ mm/m
Edge straightness	$\pm 1$ 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.

 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.

## 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.