



Riga Shipply

Riga Shipply is the highest quality birch throughout plywood with outstanding mechanical properties, designed especially for LNG cargo containment systems.

Applications

Riga Shipply is a high-strength panel composed from the highest quality inner veneer layers. Thanks to its superior mechanical properties, birch plywood is a perfect insulation material and can be used for the most demanding end-use conditions.



SEA TRANSPORT

LNG tankers
Ethane tankers
LNG fuel tanks



ON SHORE

LNG ground storage tanks

Major advantages

- Durable and stable even under extreme conditions
- Highest quality veneer layers
- Strict production procedure and quality control system
- Demonstrated and certified long-term expertise and experience in the industry
- Excellent strength-to-weight ratio
- Variety of standard sizes and cut-to-size components available
- Sustainable product with long life span

For Sea Transport application, our Riga Shipply is certified by the following Classification Societies: American Bureau of Shipping (ABS), Bureau Veritas (BV), Det Norske Veritas (DNV, Lloyd Register of Shipping (LRS), and Korean Register (KR). Other credentials are available upon request.

Grades

Riga Shipply is made of the highest quality 1.4 mm thick cross bonded birch veneers.

Further processing

Cut-to-size panels and machining available in accordance with the customers' requirements.

Standard thicknesses

4, 6.5, 9, 12, 15, 18, 24, 27, 35, 38, 50, 92, 102 mm

Panel sizes

- 1220 / 1250 mm x 2440 / 2500 / 2745 / 2750 / 3000 / 3050 / 3340 / 3660 mm
- 1500 / 1525 mm x 2440 / 2500 / 2745 / 2750 / 3000 / 3050 / 3340 / 3660 mm
- 1830 / 1850 mm x 3050 / 3340 / 3660 / 3850 mm
- 2150 mm x 3050 / 3340 / 3850 / 4000 mm
- 2290 mm x 4000 mm

Gluing classes

Riga Wood birch plywood is glued with weather and boil-proof phenol formaldehyde resin adhesive, meeting EN 314/Class 3 Exterior and specific industry standards.

Formaldehyde emission

Riga Shipply's formaldehyde emission level is significantly below EN 13986 Class E1 and it is certified as complying to EPA TSCA Title VI and CARB Phase 2. It is also compliant with the requirements of the Finnish Emission Classification of Building Materials (M1), French VOC Emissions Labelling Class A+ and Japanese 4-Star Regulation.

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Tolerance


Riga Shipply tolerance values meet the very specific requirements of this industry. 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.