

ENVIRONMENTAL PRODUCT DECLARATION – RIGA® PLYWOOD



1. Product description

Plywood is composed of 1.4 mm thick birch veneers by cross bonding and both faces are sanded (Riga Ply). Each of Latvijas Finieris plywood products is marked with trademark RIGA. Riga Ply is the basis for all other types of plywood products:

- overlaid plywood (Riga Form, Riga Mel),
- overlaid plywood with texture (Riga Tex, Riga Smooth Mesh, Riga Rhomb, Riga Heksa, Riga Heksa Plus, Riga Foot, Riga Trans, Riga Dot, Riga Frost, Riga Deck, Riga Force, Riga Superwire, Riga Crown, Riga Diamond),
- ready-to-paint plywood (Riga Paint, Riga Preprime, Riga Prime),
- finished plywood (Riga Lacquer, Riga Color, Riga Decor),
- special overlaying and composite construction (Riga HPL, Riga Composite, Riga Poliform, Riga Silent),
- special plywood (Riga Shipply, Riga Ply AT, Riga Ignisafe, Riga Prime FR, Riga Floor Grating, Riga Wall Grating, Riga Lining).

Latvijas Finieris plywood products have a wide range of applications.

Average density - 710 kg/m³.

2. Environmental management

Management system is in accordance with the requirements of ISO 14001.

Energy management system is certified as complying to ISO 50001. Certificate demonstrates that company follows the systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy security, energy use and consumption. This gives confidence that the organization continually reduces their energy use and greenhouse gas emissions.

Quality Management system according to ISO 9001 requirements.

Available on <https://www.finieris.com/en/downloads/certificates>

Origin of roundwood

Roundwood sourcing countries are Latvia, Finland, Estonia and Lithuania.

Roundwood is supplied according to FSC and PEFC controlled timber criteria, the supplier and Latvijas Finieris can verify the origin of wood throughout the whole supply chain.

Roundwood purchasing is according to Timber purchasing policy of Latvijas Finieris.

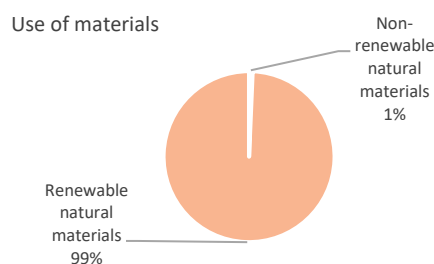
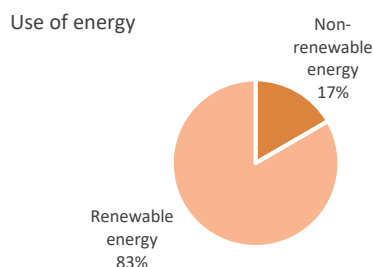
Environmental parameters (to produce 1 kg (or 1 ton) of plywood)

| Emissions to air | g/kg |
|----------------------------------|------------------------|
| CO ₂ | 42,3 |
| CO | 1,59 |
| NO ₂ | 0,62 |
| Dust | 0,28 |
| PM10 | 0,06 |
| Formaldehyde | 0,03 |
| Phenol | 0,04 |
| C _n H _{2n+2} | 2,0 x 10 ⁻⁴ |
| Propane | 1,3 x 10 ⁻⁴ |
| Butane | 1,2 x 10 ⁻⁴ |
| Fe ₂ O ₃ | 4,1 x 10 ⁻⁵ |

| Emissions to water | g/kg |
|--------------------|------------------------|
| Solids | 0,19 |
| COD | 0,1 |
| Oil products | 2,4 x 10 ⁻⁴ |

| Waste | g/kg |
|-----------------------|------|
| Waste to dumping area | 8,3 |
| Hazardous waste | 0,17 |

83% of energy used in plywood production is renewable energy.



| Use of energy | MJ/t |
|----------------------|------|
| Non-renewable energy | 1364 |
| Renewable energy | 6838 |

| Use of materials | g/kg |
|---------------------------------|------|
| Non-renewable natural materials | 20 |
| Renewable natural materials | 2962 |

3. Additional information

Certificates:

- CE
- E1
- USA TSCA Title 6, CARB ULEF, CARB Phase 2
- KOMO
- FSC, PEFC

Available on

<https://www.finieris.com/en/downloads/certificates>

Latvijas Finieris policies include:

- Policy of Sustainability
- Environmental Policy
- Communication Policy and Basic Principles of Communicative Competence
- Personnel Policy
- Code of Ethics
- Policy of Occupational Health and Safety
- Energy Policy
- Quality Policy
- Privacy Policy
- Timber Purchasing Policy

Available on

<https://www.finieris.com/en/downloads/policies>

4. Plywood after use

Service life of plywood may vary. Under good conditions plywood may serve for 50 years.

Plywood after use is easy to dispose of, by burning to obtain fossil energy, or by placing it to a dump.

5. Contact information

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