



# RIGA<sup>®</sup>

# PLY

## Product

Birch plywood sanded on both the sides. Birch plywood has a wide range of application.

## Construction

Plywood is composed of 1.4 mm thick veneers by cross bonding. Face veneers can be both long grain and cross grain.

## Grades

Grades of Riga Ply are defined according to company's technical specifications developed in accordance with SFS 2413, as well as on the basis of International Organization for Standardization 139. Technical Committee II Working Group quality requirements, recommendations and regulations on plywood with outer plies made of peeled birch veneers (1994). In some points, there are more strict and specific quality requirements than in International documents:

- B(I) - for high quality painting, staining and lacquering;
- S(II) - for good quality painting, staining and lacquering;
- BB(III) - standard grade (plugged), for interior paint finish and coating with transparent and non-transparent thicker overlays and films, and also veneering;
- WGE - plywood of WG grade without open defects (repaired with epoxy filler), for coating with non-transparent finishing material;
- WG(IV) - for use where surface appearance is not important, reverse grade.

## Further processing

Riga Ply can be processed in many different ways, including film overlaying, painting, lacquering, oiling, scarf jointing, machining, half lap, tongue & groove jointing etc.

## Applications

Riga Ply has a wide range of application for interior and exterior use: building and construction, transport, packaging, furniture, joinery, sports equipment, children toys and other applications.

## Advantage

Environmentally friendly, durable, easily workable.

## Formaldehyde emission

In accordance with the standard EN 13986 the formaldehyde emission meets the Class E1 requirements (test method EN 717 Part 2). Riga Ply glued with phenol-formaldehyde resins meets the CARB Phase 2 and Japanese 4-Star Regulation's requirements.

## LATVIJAS FINIERIS

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### Gluing classes

Riga Ply is glued with phenol resin adhesive which is weather and boil-proof and meets the requirements of the following standards:

EN 314 / 3<sup>rd</sup> class;  
BS 1203 / H 4 (previously WBP);  
DIN 68705 Part 3 / type BFU 100.

It is also possible to glue plywood with moisture resistant urea-formaldehyde adhesive resin which is modified with melamine (meets the requirements of EN 314 / 1<sup>st</sup> class and BS 1203 / H2).

### Sizes

1220 mm x 2440 / 3050 mm  
1250 mm x 2500 / 3000 mm  
1500 mm x 2500 / 3000 mm  
1525 mm x 2400 / 3050 / 3660 mm  
2150 mm x 3050 / 3340 / 3850 mm  
2500 mm x 1250 mm

Long grain plywood panels with the length up to 2500 mm are also available.

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

### Thickness

4, 6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 mm.

### Tolerance

Dimensional and right angle tolerance meets the standard EN 315 requirements.

Nominal thickness, mm	4	6.5	9	12	15	18	21	24	27	30	35	40	45	50
Number of plies	3	5	7	9	11	13	15	17	19	21	25	29	32	35
Average actual thickness, mm	3.8	6.4	9.2	12.0	14.9	17.7	20.5	23.4	26.5	29.4	35	38.7	43.6	49.6
Lower limit, mm	3.5	6.1	8.8	11.5	14.3	17.1	20.0	22.9	25.8	28.7	33.6	38.4	43.3	48.1
Upper limit, mm	4.1	6.9	9.5	12.5	15.3	18.1	20.9	23.7	26.8	29.9	35.4	41.2	46.6	51.7

Parameter	Tolerance
Length, width (mm)	
< 1000	± 1 mm
1000...2000	± 2 mm
> 2000	± 3 mm
Right angle	± 0.1 %
Edge straightness	± 0.1 %

Plywood is manufactured by AS Latvijas Finieris whose Quality Management System is certified to the requirements of ISO 9001 by Bureau Veritas Certification.



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