



RIGA[®]

PLY

Product:

Standard birch plywood sanded on both the sides.
Latvian birch plywood has a wide range of application.

Construction:

All Latvian birch plywood is composed of 1.4mm thick veneers by cross bonding. Face veneers can be both long grain and cross grain.

Grades:

Grades of plywood RIGA PLY are defined according to company's technical specifications developed in correspondence 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 stricter and more 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 filler), for coating with non-transparent finishing material;
- WG (IV) - for use where surface appearance is not important, reverse grade.

Further processing:

Latvian birch plywood RIGA PLY can be processed in many different ways, including film overlaying, laminating, painting, lacquering, oiling, scarf jointing, machining, half lap, tongue & groove jointing etc.

Applications:

Latvian birch plywood has a wide range of application for interior and exterior use: building and construction, transport, packaging, furniture, joinery, sport outfit, children toys and other applications.

Advantage:

Environmentally friendly, durable, easy workable.

Formaldehyde emission:

In accordance with the standard EN 13986 formaldehyde emission meets the Class E1 requirements. Test method EN 717 Part 2.

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Gluing classes:

Latvian birch plywood RIGA PLY is bonded with a phenol resin adhesive which is weather and boil-proof and meets the requirements of the following standards:

BS 1203/H4 (WBP)
 EN 314 - 2 / 3rd class
 DIN 68705 Part 3 / type BFU 100

It is also possible to glue plywood with urea-formaldehyde adhesive resin (meets the requirements of BS 1203/H1) and moisture resistant urea-formaldehyde adhesive resin which is modified with melamine (meets the requirements of BS 1203/H2).

Sizes:

1200 mm x 1200/1500/1800/2100/2400/2700/3000 mm
 1220 mm x 1220/1525/1830/2135/2440/2745/3050 mm
 1250 mm x 1250/1500/1800/2150/2500/2750/3000 mm
 1500 mm x 1500/1800/2100/2500/2700/3000 mm
 1525 mm x 1525/1830/2135/2440/2745/3050 mm

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

Cut to size panels, machining, tongue & groove, jointing 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:

Size 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
No. 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	41,4	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 a/s Latvijas Finieris whose Quality Management System is certified to the requirements of ISO 9001 by Bureau Veritas Quality International.



The given information is for reference only and a/s Latvijas Finieris reserves the rights to amend and supplement the specifications of manufactured products without a prior notice.

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