



Birch throughout plywood

### Construction

Composed of 1.4 mm thick cross bonded veneers. Face veneers can be both long grain and cross grain. Special veneer construction to improve strength and stiffness properties is possible.

### Applications

Riga Ply has a wide range of applications for interior and exterior use - building and construction, transport, packaging, furniture, joinery, sports equipment, childrens toys and many others.

### Advantages

Environmentally friendly, durable and easily workable.

### Grades

B - for high quality painting, staining and lacquering.

S - for good quality painting, staining and lacquering.

BB - for interior paint finish and coating with transparent and non-transparent thicker overlays and films, veneering and applications where a solid face is required.

WGE - plywood of WG grade without open defects (repaired with epoxy filler), for coating with non-transparent finishing material.

WG - for use where surface appearance is not important, reverse grade.

### Standard 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

1850 mm x 3050 / 3340 / 3850 mm

2150 mm x 3050 / 3340 / 3850 mm

2500 mm x 1250 mm

Long grain plywood panels up to 2500 mm are also available. Cut-to-size panels and machining available in accordance with customer requirements.

### Standard thicknesses

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

## Gluing classes

Riga birch plywood is glued with phenol formaldehyde or lignin phenol formaldehyde resin adhesive which is weather and boil-proof and meets the requirements of the EN 314 / 3 class.

It is also possible to glue plywood with moisture resistant low emission melamine-urea-formaldehyde resin (meets the requirements of EN 314 / 1 class and BS 1203 / H1).

## Formaldehyde emission

In accordance with the standard EN 13986 the formaldehyde emission meets the Class E1 requirements (test method EN ISO 12460-3). Riga birch plywood meets the EPA TSCA Title VI, CARB Phase 2 and Japanese 4-Star Regulation's requirements.

## Further processing

Latvijas Finieris can process birch plywood in many different ways, including film overlaying, painting, lacquering, oiling, jointing of panels, machining, half lap, tongue & groove jointing etc.

## 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	3.7	6.3	9	11.8	14.6	17.4	20.4	23.2	26.2	28.9	34.5	40	44.7	49.5
Lower limit, mm	3.5	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	4.1	6.9	9.5	12.5	15.3	18.1	20.9	23.7	26.8	29.9	35.4	41.2	46.4	51.1

Parameter	Tolerance
Length, width (mm) < 1000	± 1 mm
Length, width (mm) - 1000..2000	± 2 mm
Length, width (mm) > 2000	± 3 mm
Right angle	± 0,1%
Edge straightness	± 0,1%

Additional information can be found in Riga plywood handbook <https://www.finieris.com/en/downloads/brochures>



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

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