



RIGA[®]

PREPRIME

Product

Birch plywood (Riga Ply) overlaid on one or both faces with a preprimed painting film ready for painting, without further priming or other preparations.

Application

Walls, ceilings, surfaces of furniture, front doors to be painted, lorries, factory rooms, containers, household, trailer side boards, traffic signs, information and advertising boards.

Advantages

Environmentally friendly, easy and fast to paint, less consumption of paint, does not require priming, does not crack during interior and exterior application.

Recommendations

The suitable paints include: polyurethane, alkyd paint, water-soluble acrylic paint for exterior application. Painting to be done according to the paint manufacturer's instructions.

Gluing classes

Plywood is glued with waterproof phenol formaldehyde resin adhesive. The weather and boiling water resistant bonding meets the requirements of the following standards:

EN 314 / 3rd class;
BS 1203 / H4 (previously WBP);
DIN 68705 Part 3 / type BFU 100.

Formaldehyde emission

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

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Overlaying

The panel is overlaid with a preprimed painting paper and glue film during hot-pressing process. The total surface weight (depending on the applied films) is 350-400 g/m². It is possible to have such overlay (PRE/PRE) on both faces or a painting paper on one side and a phenol film on the reverse face, or a painting paper on one face and the reverse face of raw plywood in various qualities.

Film colour

Light grey.

Characteristics of overlay

The preprimed painting paper overlay does not require sanding, the paint consumption is reduced, painting becomes easier and faster to accomplish and the paint cracking avoided when the product is used under outdoor conditions.

Edges sealing

The panels' edges are sealed with an acrylic paint, to avoid absorption of moisture. The edge sealing paint and the panels' face colors match, but even other colors are available upon request.

Sizes

- 1220 mm x 2440 mm (thickness: 6.5 - 40 mm)
- 1250 mm x 2500 mm (thickness: 6.5 - 40 mm)
- 1220 mm x 3050 mm
- 1250 mm x 3000 mm
- 1500 mm x 2500 / 3000 mm
- 1525 mm x 2440 / 3050 mm
- 1525 mm x 3660 mm (thickness: 6.5 - 40 mm)
- 2150 mm x 3050 / 3340 / 3850 mm (thickness: 6.5 - 40 mm)

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

Thickness

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	6.5	9	12	15	18	21	24	27	30	35	40	45	50
Number of plies	5	7	9	11	13	15	17	19	21	25	29	32	35
Average actual thickness, mm	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	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	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.

