



RIGA[®]

PAINT

Product

Birch plywood (*Riga Ply*) overlaid with a painting film on the wear side or both the sides (*P/P*), providing a panel surface suitable for painting. *Riga Paint* plywood does not crack during interior and exterior application.

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, no cracking in interior and exterior application.

Recommendations

Surface to be painted with a suitable paint in case of outdoor application!

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 / H 4 (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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Overlying

The panel is overlaid with a painting paper and glue film in a hot-pressing process. The total surface weight (depending on the applied films) is 350 - 400 g/m². It is possible to have such overlay (P/P) 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.

Overlay colour

Light brown.

Characteristics of overlay

The painting paper overlay does not require sanding, the paint consumption is reduced and the paint cracking avoided.

Edge 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

- 1200 mm × 2440 / 3050 mm
- 1250 mm × 2500 / 3000 mm
- 1500 mm × 2500 / 3000 mm
- 1525 mm × 2440 / 3050 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 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
Number of plies	5	7	9	11	13	15	17	19	21	25	29
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
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
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

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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