



**RIGA**<sup>®</sup>

# RHOMB

## Product

Birch plywood (Riga Ply) overlaid with a phenol (dark brown) or an UV resistant (grey) film on both sides. The wear face has a special surface pattern (WT). The reverse face usually is smooth (F).

## Application

In transport industry for floors and walls, storage and factory floors, storage shelves, loading platforms, pier surfaces, and scaffoldings. In general surfaces where high wear resistance and anti-slip properties are required.

## Further processing

Plywood can be machined with wood working tools: cutting, drilling, milling, jointing in length, tongue and groove (T&G), half laps, profiled edges etc.

## Advantages

Surface with high wear resistance, good anti-slip properties, good visual appearance (decorative surface), weather- and water-proof, resists commonly used chemicals and easy-to-clean. In addition, the product is environmentally friendly and hygienic.

## 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 / 3<sup>rd</sup> 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.

**LATVIJAS FINIERIS**

**AKCIJU SABIEDRĪBA**

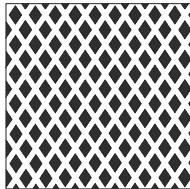


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### Surface pattern



RIGA Rhomb surface pattern

The panels are overlaid with a film and have a special pattern imprinted in hot pressing process.  
Anti-slip class in accordance with DIN 51130 R10.  
The abrasion resistance of Riga Rhomb and Riga Rhomb Heavy is significantly different.

Type of overlay	Taber test results, revolutions	Rolling test results, revolutions
RIGA Rhomb ▶ Grey ▶ Dark brown	At least 900 At least 600	At least 10 000
RIGA Rhomb Heavy ▶ Dark brown	At least 8 000	

### 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

- 1220 mm x 2440 mm (thickness: 6.5 - 35 mm)
- 1250 mm x 2500 mm (thickness: 6.5 - 35 mm)
- 1220 mm x 3050 mm
- 1250 mm x 3000 mm
- 1500 mm x 2500 / 3000 mm
- 1525 mm x 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, 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.



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