

# RIGA<sup>®</sup>

## RHOMB

**Product:**

Birch plywood (RIGA PLY) overlaid with phenol film on both sides. Face side is with special surface pattern (WT, see figure 1). The reverse 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), water proof, resists commonly used chemicals and easy to clean.

User and environmentally friendly, hygienic.

**Gluing classes:**

Standard plywood is glued with waterproof phenol formaldehyde resin adhesive. Bonding is resistant to weather and boiling water.

It meets 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 formaldehyde emission meets the Class E1 requirements. Test method EN 717 Part 2.

## LATVIJAS FINIERIS

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# RIGA®

# RHOMB

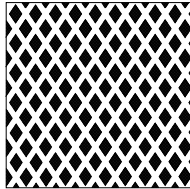
**Surface pattern:**

Figure 1. RIGA RHOMB surface pattern

The panels are overlaid with a phenol film and have a special pattern imprinted during hot pressing process. (see Figure 1).  
 Anti-slip Class in accordance with DIN 51130 R 10.  
 There are two fundamentally different surface patterns of wear resistance (see Table 1).

Table 1

Results of Wear Resistance Tests

Type of overlay	TABER test results, revolutions	ROLLING test results, revolutions
RIGA RHOMB ▶ Grey ▶ Dark brown	900 at least	10 000 at least
RIGA RHOMB HEAVY ▶ Dark brown	8 000 at least	

**Edge sealing:**

Edges of the panels are sealed with acrylic paint.

**Sizes:**

1220 mm x 2440/3050 mm  
 1250 mm x 2500/3000 mm  
 1500 mm x 2500/3000 mm  
 1525 mm x 2440/3050 mm

Cut to size panels and machining available in accordance with customers' requirements.

**Thickness:**

6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35 mm.

**Tolerance:**

Size and right angle tolerance meet the standard EN 315 requirements.

Nominal thickness, mm	6.5	9	12	15	18	21	24	27	30	35
Number of plies	5	7	9	11	13	15	17	19	21	25
Average actual thickness, mm	6.4	9.2	12.0	14.9	17.7	20.5	23.4	26.5	29.4	35
Lower limit, mm	6.1	8.8	11.5	14.3	17.1	20.0	22.9	25.8	28.7	33.6
Upper limit, mm	6.9	9.5	12.5	15.3	18.1	20.9	23.7	26.8	29.9	35.4

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



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