



# RIGA<sup>®</sup>

# TRANS

## Product

Birch plywood (Riga Ply) overlaid with a dark brown phenol film on both faces. The wear face film has a special surface pattern (WT), the reverse face being smooth (F).

Riga Trans Heavy is overlaid with a special wear resistant dark brown film.

## Application

The specific end-use of Riga Trans is truck and trailer flooring. The other possible applications include: storage and factory floors, storage shelves, loading platforms, pier surfaces, scaffoldings, playgrounds and flight cases. In general – surfaces where high wear resistance, good anti-slip properties and pleasant visual appearance are required.

## Further processing

Riga Trans can be machined with wood working tools, Riga Trans Heavy – hard facing tools recommended.

## Advantages

The surface with high wear resistance, with good anti-slip properties, with a pleasant appearance, water proof and resisting against commonly used chemicals.

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.

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## Surface pattern

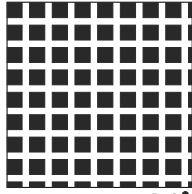


Figure 1. RIGA<sup>®</sup> Trans surface pattern

The panels are overlaid with a phenol film and have a special pattern imprinted in hot pressing process.

Anti-slip class in accordance with DIN 51130 R13.  
Results of wear resistance tests are summarized in table below.

Type of overlay	Taber test results, revolutions	Rolling test results, revolutions
RIGA <sup>®</sup> Trans	At least 1500	At least 6000
RIGA <sup>®</sup> Trans Heavy	At least 4000	

## 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 machined panels available in accordance with the customers' requirements.

## Thickness

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

## Tolerance

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

Nominal thickness, mm	9	12	15	18	21	24	27	30	35
Number of plies	7	9	11	13	15	17	19	21	25
Average actual thickness, mm	9.2	12.0	14.9	17.7	20.5	23.4	26.5	29.4	35
Lower limit, mm	8.8	11.5	14.3	17.1	20.0	22.9	25.8	28.7	33.6
Upper limit, mm	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 AS Latvijas Finieris whose Quality Management System is certified to the requirements of ISO 9001 by Bureau Veritas Certification.



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