



RIGA[®]

TEX

Product:

Birch plywood (RIGA PLY) overlaid with a phenol film on both the sides. The wear side has a rough wire mesh pattern (W); the reverse side normally is smooth (grade F/W), although it can have wire mesh pattern, too (grade W/W). Sealed edges. RIGA TEX rough wire mesh overlay withstands hard wear and it can be used for many different floor-panelling purposes.

Applications:

Vehicle floors, pedestrian bridges, storage and factory floors, storage shelves, loading platforms, ship decks, pier surfaces. In general - applications where high wear resistance and/or good anti-slip properties are required.

Advantage:

The wire mesh surface has high wear resistance and anti-slip properties, surface is weather and waterproof, resists to commonly used chemicals. Environmentally friendly.

Gluing classes:

Basic plywood is bonded with a phenol resin adhesive resistant to weather, boiling water and meets the requirements of the following standards:

BS 1203/H4 (WBP)

EN 314 - 2 / 3rd class

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.

Overlying:

The panels are overlaid with a phenol film and have a wire mesh pattern imprinted during hot pressing process. The reverse side overlaid with a similar phenol film, and normally the reverse side is smooth. The unit weight of RIGA TEX plywood film is 120 g/m² or 220 g/m². On special request, panels can be overlaid with multi-layer phenol film and both the sides can have a wire mesh pattern.

Wire mesh pattern can be of different kinds:

Large Mesh (grade WL) - 2.5 mesh per 1cm

Small Mesh (grade WS) - 4.5 mesh per 1cm

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Film colour:

Normally dark brown (120g/m²). Other standard colours are light brown (120g/m²), dark brown (220g/m²), green (120g/m²), black (120g/m²). Grey (174g/m²) and red (220g/m²) colours on special order.

Edges sealing:

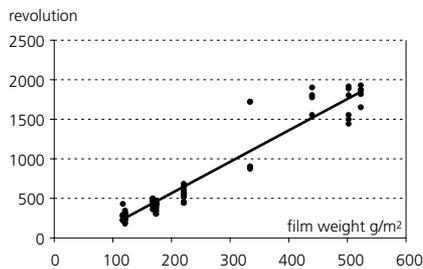
Edges of the panels are matched with the face against absorption of moisture by using acrylic paint. Other colours are available and the edges may be unsealed at customers' request.

Overlying characteristics:

The overlying surface is highly resistant to abrasive wear and it does not crack.

It is also resistant to weather and moisture as well as commonly used chemicals. The wire mesh patterned surface provides high anti-slip properties. RIGA TEX panels can be machined by using normal woodworking equipment. During machining extra hard cutting tools are recommended.

Abrasion resistance according to the Taber test (EN 438-2): depends on applied film, surface texture*, conditions of product storage and application, thickness of film (see below) a.o.



Small mesh resistance to wear parameters are better than Large mesh ones.

It is possible to obtain overlaid plywood resistance to wear even above 10 000 revolutions

Company's specialists will assist you to choose the most appropriate product.

Sizes:

- 1200 mm x 1200/1500/1800/2100/2400/2700/3000 mm
- 1220 mm x 1220/1525/1830/2135/2440/2745/3050 mm
- 1250 mm x 1250/1500/1800/2150/2500/2750/3000 mm
- 1500 mm x 1500/1800/2100/2500/2700/3000 mm
- 1525 mm x 1525/1830/2135/2440/2745/3050 mm

Cut to size panels, machining, tongue & groove, jointing available in accordance with the customers' requirements.

Thickness:

4; 6.5; 9; 12; 15; 18; 21; 24; 27; 30; 35; 40 mm

Tolerance:

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

Nominal thickness mm	4	6,5	9	12	15	18	21	24	27	30	35	40
No. of plies	3	5	7	9	11	13	15	17	19	21	25	29
Average actual thickness, mm	3,8	6,4	9,2	12,0	14,9	17,7	20,5	23,4	26,5	29,4	35	38,7
Lower limit, mm	3,5	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	4,1	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 a/s Latvijas Finieris whose Quality Management System is certified to the requirements of ISO 9001 by Bureau Veritas Quality International.



The given information is for reference only and a/s Latvijas Finieris reserves the rights to amend and supplement the specifications of manufactured products without a prior notice.

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