

The logo for RIGA FORM, featuring the word "RIGA" in a bold, white, sans-serif font with a registered trademark symbol (®) to its upper right. Below "RIGA" are several horizontal lines of varying lengths, creating a stylized graphic element. The background of the entire page is a photograph of various colored plywood sheets (red, black, yellow, grey, green) stacked and arranged in a perspective view.

FORM

Product:

The basic plywood RIGA PLY bonded with waterproof phenol resin adhesive and overlaid on both the sides with a phenol film (grade F/F).

Overlying colour:

Normally chestnut brown (120g/m²) or dark brown (167g/m²). Other standard colour are light brown transparent (120g/m²), dark brown (220g/m²), yellow non-transparent (167g/m²) and transparent (120g/m²), green (120g/m²), colourless (120g/m²), black (120g/m²), grey (174g/m²), red (220g/m²). Other colours on request.

Under transparent films BB grade veneer is applied.

Applications:

Chestnut brown (120g/m²) - for concrete shuttering, transport industry.

Dark brown (167g/m² and 220g/m²), black (120g/m²) - for concrete shuttering, building boards, transport industry, flooring.

Light brown transparent (120g/m²), green (120g/m²), red (220g/m²) - for concrete shuttering, building boards, transport industry, flooring.

Colourless (120g/m²), yellow non-transparent (167g/m²), yellow transparent (120g/m²), grey (174 g/m²) - for building boards, transport industry, flooring.

Advantage:

Environmentally friendly, durable, workable, hygienic, not smelling and don't give taste to food-stuff, easy to clean, wear-proof, weather and water-proof, resists commonly used chemicals. RIGA FORM for shuttering can be re-used many times.

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.

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RIGA[®] FORM

Overlaying:

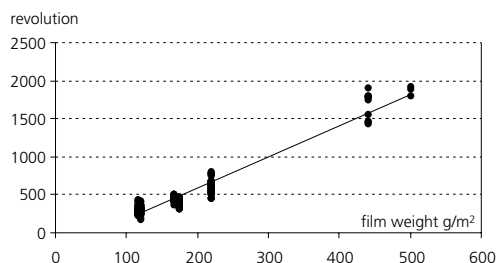
A smooth phenol film, which is hot-pressed onto the surface, is used as an overlay. The film is composed of a base paper and phenol resin that is impregnated into the base paper. Film weights 120g/m², ~ 170g/m², 220g/m². Overlaying with higher resistance to abrasion and multi-layer overlaying are also possible (respectively 240g/m², 440g/m² etc.). Multi-layer overlaying gives superior wear resistance.

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.

Overlaying characteristics:

Overlaying surface is smooth, glossy and hard. It withstands abrasion, it is weather and moisture proof and resists commonly used chemicals, dilute acids and alkalis. The surface is easy to clean with water or steam wash. Abrasion resistance according to the Taber test (EN 438-2): depends on applied film, conditions of product storage and application, thickness of film (see below) a.o.



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.