

RIGA®

HEKSA PLUS / TANK TOP

Product

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

Application

Flooring, transport industry, pedestrian bridges, storage and factory floors, storage shelves, loading platforms, pier surfaces, scaffoldings, ship decks, shop fitting and flight cases. In general surfaces where high wear resistance is 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, decorative appearance, weather- and water-proof, resists commonly used chemicals and easy-to-clean. In addition, the product is environmentally friendly and hygienic.

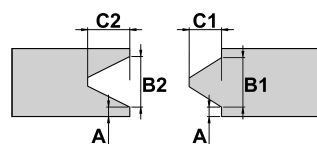
Gluing classes

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 / 3rd 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.



Profils	thickness in mm	A +/-0	Tongue		Groove	
			B1	C1	B2	C2
H-TG1	18	2.5	13.1	8.6	13.4	11.2
	19	3				
	21	4				
	22	4.5				
	24	5.5				
	27	7				
	30	8.5				
	35	11				
	38	12.5				
	40	13.5				

TYPE APPROVAL CERTIFICATE
DNV-GL TAK00000A4

Brødrene Füst

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Surface pattern

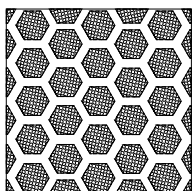




Figure 1. RIGA® Heksa Plus surface pattern

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

Type of overlay	Taber test results, revolutions	Rolling test results, revolutions
 Heksa Plus <ul style="list-style-type: none"> ► Green ► Grey ► Dark brown 	At least 700 At least 900 At least 550	At least 10 000
 Heksa Plus Heavy <ul style="list-style-type: none"> ► Dark brown 	At least 6000	

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 / 3050mm	2150 mm x 3050 mm
1250 mm x 2500 / 3000mm	2150 mm x 3340 mm
1500 mm x 2500 / 3000 mm	2150 mm x 3850 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.

