



CE DECLARATION OF CONFORMITY

Manufacturing company: **Latvijas Finieris AS**

Bauskas iela 59, Riga, Latvia, LV - 1004

Production location &

Factory production control certificate: **mill Lignums**

Plata iela 38, Riga, Latvia LV-1016

0765 - CPD - 0372

mill Furniers

Bauskas iela 59, Riga, Latvia, LV - 1004

0765 - CPD - 0373

Verems RSEZ SIA

Lejas Ančupāni, Verēmu pagasts, Rēzeknes rajons, Latvia, LV-4604

0765 - CPD - 0499

Product type: plywood **Riga Tex, Riga Form, Riga Smooth Mesh, Riga Heksa, Riga Heksa Plus, Riga Rhomb, Riga Foot, Riga Pattern, Riga Trans**

Glue: phenolic

Application: for internal use as structural component in humid conditions (EN 636-2) conforms with EN 13986 Annex ZA

Service class: class 2, according EN 1995-1-1 and EN 636

Name of notified body: *Fraunhofer-Institut for Wood Research, Wilhelm-Klauditz-Institut*

Bienroder Weg 54E, 38108 Braunschweig, Germany

<i>Characteristics</i>																
<i>Performance characteristics</i>	<i>EN</i>	<i>Unit</i>	<i>Value or class</i>													
Nominal thickness		mm	4	6,5	9	12	15	18	21	24	27	30	35	40	45	50
Density	EN 323	Kg/m ³	lower 5% quantile 670 - upper 5% quantile 760													
Surface weight ¹		Kg/m ²	2,86	4,648	6,435	8,58	10,73	12,87	15,02	17,2	19,3	21,5	25	28,6	32,2	35,8
Bending strength ^{2; 3}	EN 310	F class														
face grain parallel to span		acc. EN	50	50	40	40	40	40	30	30	30	30	30	30	30	25
perpendicular to face grain		636:2003	15	30	30	30	30	30	30	30	30	30	30	30	30	25
Bending stiffness ^{2; 3}	EN 310	E class														
face grain parallel to span		acc. EN	100	90	80	70	60	60	60	60	70	60	60	70	60	70
perpendicular to face grain		636:2003	5	30	40	40	50	50	50	50	60	70	60	60	60	50
Characteristic bending strength ⁴	EN 789	N/mm ²														
face grain parallel to span			75,3	58,2	52,1	49,0	47,2	45,9	45,1	44,4	43,9	43,5	42,9	42,5	42,3	42,0
perpendicular to face grain			12,1	33,2	36,7	38,0	38,6	38,9	39,2	39,3	39,4	39,5	39,6	39,7	39,7	39,8
Characteristic bending stiffness ⁴	EN 789	N/mm ²														
face grain parallel to span			16941	13101	11720	11026	10611	10335	10140	9994	9881	9791	9657	9562	9507	9461
perpendicular to face grain			1059	4899	6280	6974	7389	7665	7860	8006	8119	8209	8343	8438	8493	8539
Bonding quality	EN 314	Class	Class 3													
Release of formaldehyde	EN 13986, EN 717 - 2	Class	E1													
Reaction to fire	EN 13986	Class	≥ E	D-s2, d2	D-s2, d0 / D _{FL} - s1											

Characteristics																
Performance characteristics	EN	Unit	Value or class													
Nominal thickness		mm	4	6,5	9	12	15	18	21	24	27	30	35	40	45	50
Water vapour permeability	EN 13986 Wet cup	μ	90													
	EN 13986 Dry cup	μ	220													
Sound absorption	EN 13986	coefficient	range 250 Hz to 500Hz													
			range 1000 Hz to 2000Hz													
Thermal conductivity	EN 13986	W/(m · K)	0,17													
Biological durability	ENV 1099, EN 350 - 2	Class	5													
Content of pentachlorophenol		ppm	less then 0,1													
Wear resistance ⁵	EN 438-1	RA	120 g/m ²							250-400						
			167 g/m ²							400-600						
			220 g/m ²							600-900						

¹ For calculation used average density 715 kg/m³.

² Plywood moisture content 8±2 %

³ Riga Ply classification according to EN 636:2003

⁴ Riga Ply characteristic bending strenght and modulus of elasticity according to VTT Technical Research Centre of Finland research report No RTE 3367/04.

⁵ The basic product values. It is possible to obtain overlaid plywood resistance to wear even above 10 000 RA.

Data presented on this information sheet are obtained processing Latvijas Finieris AS production quality controls results. Internal production controls at Latvijas Finieris AS plywood mills Lignums and Furniers and Verems RSEZ SIA are attested and supervised in accordance with Regulation (EU) No.305/2011, European Construction Products Directive 89/106/EEC and CE standards by Fraunhofer - Institut for Wood Research (WKL), EC notification Nr.0765. This information, however, is without any guarantee of product, because the data are presented for consumer as general information on technical specification and other characteristics of products manufactured by Latvijas Finieris AS. Any claim for compensation is limited to the value of the defective panels.



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Riga, January 4, 2013

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