



### CE DECLARATION OF PERFORMANCE Nr. LF-CPR-DoP-01

Manufacturing company: **Latvijas Finieris AS**

Bauskas iela 59, Rīga, Latvia, LV - 1004

Production location &

Factory production control certificate: **mill Lignums**

Plata iela 38, Rīga, Latvia LV-1016

0765 - CPR - 0372

**mill Furniers**

Bauskas iela 59, Rīga, Latvia, LV - 1004

0765 - CPR - 0373

**Verems RSEZ SIA**

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

0765 - CPR - 0499

Product type: standard birch plywood, unfaced, bonded with phenol resins

Trade name: **Riga Ply**

conforms with EN 13986:2004 Annex ZA.

Application: for internal use as structural component in humid conditions (EN 636-2)

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

Assesment and verification of constancy

of performance: system 2+

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

Bienroder Weg 54E, 38108 Braunschweig, Germany

The performance of the product is in conformity with the declared performance characteristics as below:

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
Density	EN 323	Kg/m <sup>3</sup>	lower 5% quantile 670 - upper 5% quantile 760													
Bending strength <sup>1</sup>		F class														
face grain parallel to span	EN 310	acc.	50	50	40	40	40	40	35	35	35	35	35	35	35	35
perpendicular to face grain	EN 636		15	25	35	35	35	35	30	30	30	30	30	30	30	30
Bending stiffness <sup>1</sup>		E class														
face grain parallel to span	EN 310	acc.	100	90	90	80	80	80	80	80	80	80	70	70	70	70
perpendicular to face grain	EN 636		10	30	40	50	60	60	60	60	60	60	60	60	60	60
Characteristic bending strength <sup>2</sup>																
face grain parallel to span	EN 789	N/mm <sup>2</sup>	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 <sup>2</sup>																
face grain parallel to span	EN 789	N/mm <sup>2</sup>	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

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
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 <sub>FL</sub> - s1											
Water vapour permeability	EN 13986 Wet cup μ		90													
	EN 13986 Dry cup μ		220													
Airborne sound insulation <sup>3</sup>	EN 13986	dB	-	-	24,5	26,1	27,4	28,4	29,3	30,0	30,7	31,3	32,3	32,9	33,6	34,2
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	CEN/TS 1099, EN 350 - 2	Class	5													
Content of pentachlorophenol		ppm	less then 5,0													

<sup>1</sup> Plywood moisture content 8±2 %

<sup>2</sup> According to VTT Technical Research Centre of Finland research report No RTE 3367/04.

<sup>3</sup> For calculation used average density 715 kg/m<sup>3</sup>.

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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 European Construction Products Regulation (EU) No.305/2011 and CE standards by Fraunhofer - Institut for Wood Research (WKI), EC notification Nr.0765.

This information is presented for consumer as general information on technical specification and other characteristics of products manufactured by Latvijas Finieris AS. Any other conditions (e.g., guaranties) shall be agreed separately, by signing respective agreement . Any claim for compensation is limited to the value of the defective panels.

CE Declaration of Performance is issued under the sole responsibility of the Latvijas Finieris AS.

The signed English version of this document is the official.

  
Martins Lacis

Head of Marketing, Sales, Purchasing and Logistics

Riga, July 1st, 2013