

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

**1. Unique identification code of the product-type:**

Riga<sup>®</sup> structural birch plywood. Unfaced or overlaid

**2. Type, batch or serial number or any other element allowing identification of the construction product as required under CPR Article 11(4):**

Riga<sup>®</sup> structural birch plywood. Unfaced or overlaid.

**3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**

Unfaced – EN 636-1 S and EN 636-2 S Structural elements for internal application in dry and humid conditions.

Overlaid and edge protected – EN 636-3 S Structural elements for internal or protected external application in dry and humid conditions in limited wetting conditions above ground.

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant CPR Article 11(5):**

Latvijas Finieris AS  
Bauskas iela 59  
Riga  
LV-1004 Latvia

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR Annex V:**

AVCP System 2+

**7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:**

*Fraunhofer-Institut for Wood Research, Wilhelm-Klauditz Institut*, Notified production control certification body No.0765 and *Eurofins Expert Services Oy*, Notified production control certification body No. 0809, performed initial inspection of the manufacturing plant and of factory production control and performs continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the certificate of conformity of the factory production control:

**Mill Lignums**

Finiera iela 6  
Riga, Latvia, LV-1016  
0765-CPR-0372

**Mill Furniers**

Bauskas iela 59  
Riga, Latvia, LV-1004  
0765-CPR-0373

**Verems RSEZ SIA**

Lejas Ančupāni Verēmu pagasts  
Rēzeknes rajons, Latvia, LV-4604  
0765-CPR-0499

**OÜ Kohila Vineer**

Jõe tn.21 Kohila  
79808 Raplamaa, Estonia  
0809-CPR-1200

## 9. Declared performance

### Harmonised technical specification EN 13986+A1:2015

Essential characteristics			PERFORMANCE														
			Sanded birch plywood														
			Nominal thickness, mm														
			Number of plies														
	Standard	Unit	4	6,5	9	12	15	18	21	24	27	30	35	40	45	50	
			3	5	7	9	11	13	15	17	19	21	25	29	32	35	
Density	EN323	kg/m <sup>3</sup>	lower 5% quantile 670, upper 5% quantile 760														
Bending strength <sup>1,2</sup>		EN310	F class EN636	50	50	40	40	40	40	35	35	35	35	35	35	35	35
				⊥	15	25	35	35	35	35	30	30	30	30	30	30	30
Bending stiffness <sup>1,2</sup>		EN310	E class EN636	100	90	90	80	80	80	80	80	80	70	70	70	70	
				⊥	10	30	40	50	60	60	60	60	60	60	60	60	60
Characteristic bending strength <sup>3</sup>		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
				⊥	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
Characteristic bending stiffness <sup>3</sup>		EN 789	N/mm <sup>2</sup>	16941	13101	11720	11026	10611	10335	10140	9994	9881	9791	9657	9562	9507	9461
				⊥	1059	4899	6280	6974	7389	7665	7860	8006	8119	8209	8343	8438	8493
Airborne sound insulation <sup>4</sup>	EN13996+A1	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	
Bonding quality	EN314	class	class 3														
Release of formaldehyde	EN13986+A1 EN ISO12460-3	class	E1														
Water vapour permeability	EN13986+A1	μ	Wet cup						90								
			Dry cup						220								
Sound absorption	EN13986+A1	coeffic.	Frequency range 250 Hz - 500 Hz						0,10								
			Frequency range 1000 Hz - 2000 Hz						0,30								
Thermal conductivity	EN13986+A1	W m <sup>-1</sup> K <sup>-1</sup>	0,17														
Biological durability	EN335	class	Uncoated or overlaid						Use class 2								
			Overlaid and with protected edges						Use class 3								

|| = parallel to the face grain

⊥ = perpendicular to the face grain

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

<sup>2</sup> Riga Ply classification according to EN 636

<sup>3</sup> According to VTT Technical Research Centre of Finland research report No.RTE 3367/04

<sup>4</sup> For calculation used average density 715 kg/m<sup>3</sup>

## Harmonised technical specification EN 13986+A1:2015

Essential characteristics			PERFORMANCE							
	Standard	Unit								
Mechanical durability	EN1995-1-1	K <sub>mod</sub>	Service class	Permanent action	Long term action	Medium term action	Short term action	Instantan. action		
			1	0,60	0,70	0,80	0,90	1,10		
			2	0,60	0,70	0,80	0,90	1,10		
					3	0,50	0,55	0,65	0,70	0,90
		k <sub>def</sub>	Service class 1	0,80						
			Service class 2	1,00						
			Service class 3	2,50						
Reaction to fire	EN13986+A1 EN13501-1	class	End use condition	Minim. thickness / thickness range, mm	Class (excluding floorings)	Class, floorings				
			without an air gap behind the panel <sup>5</sup>	9	D-s2, d0	D <sub>fl</sub> -s1				
			with a closed or an open air gap not more than 22mm behind the panel <sup>5</sup>	9	D-s2, d2	–				
			with a closed air gap behind the panel <sup>5</sup>	15	D-s2, d1	D <sub>fl</sub> -s1				
			with an open air gap behind the panel <sup>5</sup>	18	D-s2, d0	D <sub>fl</sub> -s1				
			floor coverings Riga Tex d.br.220 and Riga Heksa Plus d.br.220 mounted on substrates of reaction to fire class A1	12 to 30		C <sub>fl</sub> -s1				
			floor coverings Riga Tex W multigrey 358 and Riga Heksa Plus multigrey 358 mounted on substrates of reaction to fire class A1 and A2-s1-d0 <sup>5</sup> or without	9 to 30		B <sub>fl</sub> -s1				
			floor coverings Riga Tex W/F multigrey/d.br 190/120 mounted on substrates of reaction to fire class A1 and A2-s1-d0 <sup>5</sup> or without substrate <sup>7</sup>	9 to 30		B <sub>fl</sub> -s1				
any <sup>5</sup>	3	E	E <sub>fl</sub>							
Racking resistance	EN13986+A1		NPD							
Embedment strength	EN13986+A1		NPD							
Content of pentachlorophenol	EN13986+A1		N/A							

NPD- "no performance determined" acc.to CPR 305/2011 Article 6 para.3 (f)

<sup>5</sup> Veneered, phenol- and melamine-faced plywood is included for class

<sup>6</sup> According to Forest and Wood Products Research and Development Institute Ltd, EU Notified Body NB 2040 Classification report K13/2018

<sup>7</sup> According to Forest and Wood Products Research and Development Institute Ltd, EU Notified Body NB 2040 Classification report K45/2019

**10. The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued , in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.**

11. This information is presented for consumer as general information on technical specification and other characteristics of products manufactured by Latvijas Finieris AS mills Lignums and Furniers, Verems RSEZ SIA and OÜ Kohila Vineer. 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.
12. The signed English version of this document is the official.

Signed for and on behalf of the manufacturer by:



Mārtiņš Lācis  
Head of Marketing, Sales, Purchasing and Logistics

Riga, 04.03.2021