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

Riga Wood structural birch plywood. Unfaced or overlaid

1. **Unique identification code of the product-type:**
   "EN 636-1 S", "EN 636-2 S" – for unfaced plywood.
   "EN 636-1 S", "EN 636-2 S", "EN 636-3 S"– for overlaid and edge protected plywood.

2. **Intended use or uses:**
   EN 636-1 S Structural components for internal use in dry conditions.
   EN 636-2 S Structural components for internal use in humid conditions.
   EN 636-3 S Structural components for protected external use in limited wetting conditions above ground.

3. **Manufacturer:**
   Latvijas Finieris AS
   Bauskas iela 59
   Riga
   LV-1004 Latvia

5. **System/s of assessment and verification of constancy of performance of the construction product:**
   AVCP System 2+

6. **Harmonised standard:**
   EN 13986:2004+A1:2015 Wood-based panels for use in construction. Characteristics, evaluation of conformity and marking

Certified Systems

Notified bodies:
Fraunhofer-Institut for Wood Research, Wilhelm-Klauditz Institut, Notified production control certification body No.0765

Mill Lignums	**Mill Furniers**	**Verems RSEZ SIA**
Finiera iela 6	Bauskas iela 59	Lejas Ančupāni Verēmu pagasts
Riga, Latvia, LV-1016	Riga, Latvia, LV-1004	Rēzeknes rajons, Latvia, LV-4604
0765-CPR-0372	0765-CPR-0373	0765-CPR-0499

and

Eurofins Expert Services Oy, Notified production control certification body No. 0809
OÜ Kohila Vineer
Jõe tn.21 Kohila
79808 Raplamaa, Estonia
0809-CPR-1200

7. Declared performance
Harmonised technical specification EN 13986+A1:2015

Essential charasteristics				PERFORMANCE													
				Sanded birch plywood													
				Nominal thickness, mm													
				4	6,5	9	12	15	18	21	24	27	30	35	40	45	50
				Number of plies													
		Standard	Unit	3	5	7	9	11	13	15	17	19	21	25	29	32	35
Density		EN 323	kg/m^3	lower 5% quantile 670, upper 5% quantile 760													
Bending strength[1, 2]	‖	EN 310	at least F class EN 636	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	30
Bending stiffness[1, 2]	‖	EN 310	at least E class EN 636	100	90	90	80	80	80	80	80	80	80	70	70	70	70
	⊥			10	30	40	50	60	60	60	60	60	60	60	60	60	60
Charasteristic bending strength[3]	‖	EN 789	N/mm2	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	39,8
Charasteristic bending stiffness[3]	‖	EN 789	N/mm2	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	8539
Airborne sound insulation R[4]		EN 13986+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
Airborne sound insulation RW[5]		EN ISO10140-2 EN ISO 717-1	dB	–	–	–	–	27-30	29-33	29-33	–	–	–	–	–	–	–
Bonding quality		EN314	class	class 3													
Release of formaldehyde		EN 13986+A1 EN ISO12460-3	class	E1													
Water vapour permeability		EN 13986+A1	μ	Wet cup						90							
				Dry cup						220							
Sound absorption		EN 13986+A1	coeffic.	Frequency range 250 Hz - 500 Hz						0,10							
				Frequency range 1000 Hz - 2000 Hz						0,30							
Thermal conductivity		EN 13986+A1	W m^{-1} K^{-1}	0,17													
Biological durability		EN 335	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

1 Plywood moisture content 9± 3%
2 Riga Ply classification according to EN 636
3 According to VTT Technical Research Centre of Finland research report No.RTE 3367/04
4 For calculation used average density 715 kg/m3
5 According to Holzforschung Austria. Values depend on plywood construction and overlay.

Harmonised technical specification EN 13986+A1:2015

Essential charasteristics			PERFORMANCE					
	Standard	Unit						
Mechanical durability	EN1995-1-1	K_{mod}	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_{def}	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 [6]			9	D-s2, d0	D_{fl}-s1
			with a closed or an open air gap not more than 22mm behind the panel [6]			9	D-s2, d2	–
			with a closed air gap behind the panel [6]			15	D-s2, d1	D_{fl}-s1
			with an open air gap behind the panel [6]			18	D-s2, d0	D_{fl}-s1
			floor coverings Riga Tex d.br.220 and Riga Heksa Plus d.br.220 mounted on substrates of reaction to fire class A1 and A2-s1-d0 [7]			12 to 30		C_{fl}-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 5 or without substrate [8]			9 to 30		B_{fl}-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 5 or without substrate [8]			9 to 30		B_{fl}-s1
			any [6]			3	E	E_{fl}
Racking resistance	EN13986+A1		NPD					
Embedment strength	EN13986+A1		NPD					
Content of pentachlorphenol	EN13986+A1		N/A					

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

[6] Veneered, phenol- and melamine-faced plywood is included for class

[7] According to Forest and Wood Products Research and Development Institute Ltd, EU Notified Body NB 2040 Classification report K13/2018

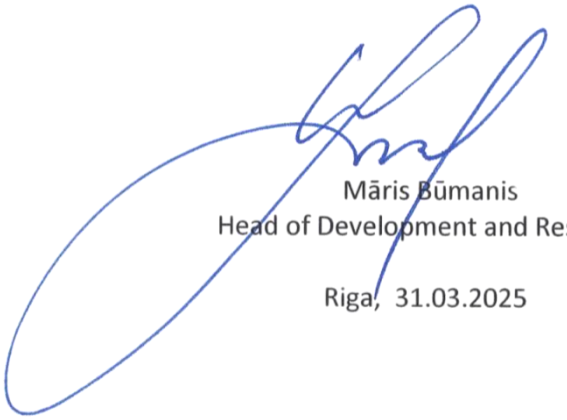
[8] According to Forest and Wood Products Research and Development Institute Ltd, EU Notified Body NB 2040 Classification report K45/2019

8. **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.**

9. 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.

10. The signed English version of this document is the official.

Signed for and on behalf of the manufacturer by:



Māris Būmanis
Head of Development and Research

Riga, 31.03.2025