



Ultra Ply LLC Industrial ave, 27B/4-3
 Smorgon, Belarus, 231000
 Tel: +375159241219, Fax: 0375159241227
www.kronospan.com.by

Declaration of Constant Performance according to
 the Regulation EU No. 305/2011 (CPR)
 No. DoP-SM21-10-2021/08/18

DECLARATION OF PERFORMANCE
No. DoP-SM21-10-2021/08/18

1. Product identification code:

Plywood uncoated and not treated from thick pine veneers with the thickness 9-40 mm

2. Intended purpose of the product:

Plywood for use as structural components in humid conditions, application class EN 636 – 2 S

3. Name and contact address of the manufacturer:

**Ultra Ply LLC
 Industrial ave, 27B/4-3
 Smorgon, Belarus, 231000**

4. Name and address of authorized representative: not applicable

5. System for evaluating and monitoring the consistency of performance:

AVCP System 2+

6. Harmonized standard:

EN 13986:2004+A1:2015

7. Authorized certification body for production control at the factory:

The authorized certification body of MPA Eberswalde carried out an primary inspection of the company and also carried out production and continuous monitoring, evaluation and control according to the CE System 2+ as described in the harmonized standard EN 13986:2004+A1:2015. In addition, it carried out a study of samples taken from the factory in accordance with the established schedule in the CE System 2+ and issued a Certificate of Conformity of the Factory Production Control to System 2+; No. 0763 - CPR 6091.

8. Declared properties:

Table 1

Essential characteristics	Value		Harmonized standard
Bending strength	See Table 3		EN 13986:2004+A1:2015
Banding stiffness (modulus of elasticity)	See Table 3		EN 13986:2004+A1:2015
Bonding quality	Class 2		EN 13986:2004+A1:2015
Durability (Moisture resistance)	use in humid conditions		EN 13986:2004+A1:2015
Formaldehyde emission	Class E1		
Reaction to fire	Without an air gap behind the wood-based panel (boards with minimum mean density of 400 kg/m ³ and minimum thickness of 9mm)	Excluding floorings: D-s2, d0 Floorings: D _i -s1	EN 13986:2004+A1:2015
	With a closed or an open air gap not more than 22mm behind the wood-based panel(boards with minimum mean density of 400 kg/m ³ and minimum thickness of 9mm)	Excluding floorings: D-s2, d2 Floorings: -	



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	With a closed air gap behind the wood-based panel (boards with minimum mean density of 400 kg/m ³ and minimum thickness of 15mm)	Excluding floorings: D-s2, d1 Floorings: D _{fi} -s1
	With an open air gap behind the wood-based panel (boards with minimum mean density of 400 kg/m ³ and minimum thickness of 18mm)	Excluding floorings: D-s2, d0 Floorings: D _{fi} -s1
Water vapor resistance factor	Wet cup: 70μ Dry cup: 200μ (lowest value for boards with minimum mean density of 500 kg/m ³)	
Airborne sound insulation	NPD	
Sound absorption	Frequency range 250 Hz to 500 Hz: 0,10 Frequency range 1000 Hz to 2000 Hz: 0,30	
Thermal conductivity	0,13 W/mK (highest value for boards with minimum mean density of 500 kg/m ³)	
Impact resistance	Class I	
Mechanical durability (EN1995-1-1)	Modification factor k _{mod} : permanent action: 0,60; long term action: 0,70; medium term action: 0,80; short term action: 0,90; instantaneous action: 1,10 Modification factor k _{def} : 0,80 (Service class 1), k _{def} : 1,00 (Service class 2)	
Biological durability	Use class 2	
Pentachlorophenol (PCP) content	≤5 ppm	
Racking resistance (for walls)	NPD	
Embedment strength	NPD	

EN 13986:2004+A1:2015

Table 2

Panel type / thickness t	Plies	Span L	Panel dimension	Strength under point load		Stiffness under point load
				Related to service F _{ser,k}	Ultimate load F _{max,k}	R _{mean}
				[N]	[N]	[N/mm]
12mm	4	600	2440x610	1783	2575	168
15mm	5	800	2440x1220	1813	2953	133
15mm	5	800	2440x610	1814	3570	145



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15mm	5	400	2440x1220	2227	4680	540
15mm	5	400	2440x610	2650	4960	560
18mm	6	600	2440x1220	2775	5045	421
18mm	6	600	2440x610	2794	4940	447
18mm	6	1200	2440x1220	2094	3570	92
18mm	6	1200	2440x610	2065	4110	96

Table 3

Nominal thickness		9	12	15-18	21-27	30-39	Harmonized standard
Index		Value (N/mm ²)					
Characteristic strength values acc. EN 12369-2	Bending f_m						EN 13986:2004+A1:2015
	Major axis (0)	30	30	35	30	25	
	Minor axis (90)	10	15	15	15	15	
	Tension and compression f_{t-c}						
	Major axis (0)	12	12	14	12	10	
	Minor axis (90)	5	7,5	7,5	7,5	7,5	
	Panel shear f_v	4,3					
Planar shear f_r	0,7						
Stiffness (MOE) acc. EN 12369-2	Bending E_m						
	Major axis (0)	8000	7000	7000	7000	6000	
	Minor axis (90)	500	1500	2500	3000	3500	
	Tension and compression E_{t-c}						
	Major axis (0)	4000	3500	3500	3500	3000	
	Minor axis (90)	400	1200	2000	2400	2800	
	Panel shear G_v	360					
Planar shear G_r	22						

Properties of the product specified above according to the statements accepted. This property declaration is issued in accordance to EU Regulation No. 305/2011, on the responsibility of the manufacturer specified above.

These declared performance characteristics are the sole responsibility of the manufacturer referred to in paragraph 1.3.

Signed for and on behalf of the manufacturer:



Wojciech Starzyk, Director

«Ultra Ply» LLC Smorgon, Belarus 18.08.2021