

DECLARATION OF PERFORMANCE, No 2024/07/01-DoP-SW-02

1. Identification code of the product-type:

Structural thick ply softwood plywood, coated or uncoated, 9-40 mm.

2. Intended uses:

For uncoated and surface unprotected plywood as a structural component according to EN 636-2.

For coated and/or surface protected plywood as a structural component according to EN 636-3.

3. Manufacturer:

Paged Morąg S.A.

ul. Mazurska 1

14-300 Morąg

5. System of AVCP:

AVCP system 2+

6a. Harmonized standard:

EN 13986:2004+A1:2015

Paged Morąg

ul. Mazurska 1

14-300 Morąg, Poland

0763-CPR-6008

0763-CPR-6009

0763-CPR-6082

Notified body

MPA Eberswalde - Materialprüfanstalt Brandenburg GmbH (Approved body No 0763)

Alfred-Möller-Straße 1

16225 Eberswalde

Germany

7. Declared performance:

Thick ply softwood plywood				
Essential characteristics	End use condition	min. thickness (mm)	Performance	
			Class (ex. floorings)	Class (floorings)
Reaction to fire	without an air gap behind the wood-based panel	9	D-s2, d0	D _{fl} -s1
	with a closed or an open air gap not more than 22 mm behind the wood-based panel	9	D-s2, d2	-
	with a closed air gap behind the wood-based panel	15	D-s2, d1	D _{fl} -s1
	with an open air gap behind the wood-based panel	18	D-s2, d0	D _{fl} -s1
	any	3	E	E _{fl}
Essential characteristics	Performance			
Water vapour permeability	Wet cup μ - 80 Dry cup μ - 210			
Release of formaldehyde	Class E1			
Content of pentachlorophenol (PCP)	None			
Airborne sound insulation	NPD			
Sound absorption α	Range		α	
	250-500 Hz		0,10	
	1000-2000 Hz		0,30	
Thermal conductivity λ (W/(mxK))	0,11			
Bonding quality	Class 3			
Biological durability	Uncoated or coated and unprotected	Use class 2		
	Coated with protected edges	Use class 3		
Embedment strength	NPD			
Air permeability	NPD			
Racking resistance	NPD			
Mean density (kg/m ³)	585			

Harmonized standard EN 13986+A1:2015

Nominal thickness	9	10	12	15	18	21	24	27	30	35	40
Essential characteristics	Performance										
Characteristic bending strength											
f _m II	26,7	25,2	19,2	28,0	29,2	24,3	26,2	29,5	21,4		
f _m ⊥	11,5	19,4	21,4	12,2	20,2	23,1	26,7	27,6	29,2		
Characteristic compression strength											
f _c II	16,7										
f _c ⊥	22,0										
Characteristic tension strength											
f _t II	9,1	10,2	14,3	14,9	17,1	15,2	15,6	15,6	13,0		
f _t ⊥	16,5	18,1	21,2	17,2	16,0	14,8	15,1	14,3	16,8		
Characteristic mean MOE in bending											
E _m II	10956	11079	8658	9220	9675	7976	9352	8942	7803		
E _m ⊥	2177	4034	5654	3567	5586	6619	6327	7602	6811		
Characteristic mean MOE in compression											
E _c II	5620										
E _c ⊥	6379										
Characteristic mean MOE in tension											
E _t II	6628	6728	8346	7078	6914	7264	7722	6541	6231		
E _t ⊥	6788	6805	6896	6868	7118	6906	6655	7353	6457		
Char. panel shear											
f _v II	5										
f _v ⊥	5										
Mean MOR in panel shear											
E _v II	500										
E _v ⊥	500										
Char. planar shear											
f _r II	1,8										
f _r ⊥	1,2										
Mean MOR in planar shear											
E _r II	42										
E _r ⊥	48										

Harmonized standard EN 13986+A1:2015

Performance of this product, as identified above, is in conformity with the set declared performances and characteristics. This declaration of performance is issued in accordance with Regulation EU No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Moraġ, POLAND, 1st July 2024

Jarostaw Wasiuk
Dyrektor Sprzedaży Eksportowej
Export Sales Director