

DECLARATION OF PERFORMANCE, No 2024/10/07-DoP-SW FR-06

- 1. Identification code of the product-type:**
Structural thick ply softwood plywood, uncoated, 12-30 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 1
- 6a. Harmonized standard:**
EN 13986:2004+A1:2015, EN 13501-1:2019-02

Paged Morąg
ul. Mazurska 1
14-300 Morąg, Poland
0763-CPR-6087

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 „Paged DryGuard FR”			
Essential characteristics	End use condition	min. thickness (mm)	Performance
Reaction to fire	Mechanically fixed on metal profile substructure, mounted on gypsum plasterboard (thickness 12 mm ± 0,5 mm, density 700 kg/m ³ ± 100 kg/m ³) as substrate or any con-combustible substrate of Euroclasses A1 or A2-s1, d0 with a distance ≥ 40 mm, with a ventilated cavity behind it, with horizontal and/or vertical joints.	12	Class (ex. floorings)
			B-s1, d0
Essential characteristics		Performance	
Water vapour permeability	Wet cup μ - 82 Dry cup μ - 208		
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/(m·K))	0,15		
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)	550-700		

Harmonized standard EN 13986+A1:2015

Nominal thickness	12	15	18	21	24	27	30	35	40
Essential characteristics acc. To 789 (N/mm ²)	Performance								
Characteristic bending strength									
f _m II	24,6	28,0	25,2	26,8	27,6	25,2	25,2		
f _m ⊥	16,6	12,2	18,8	17,4	17,0	16,8	16,8		
Characteristic compression strength									
f _c II	16,7								
f _c ⊥	22,0								
Characteristic tension strength									
f _t II	13,5	14,9	17,1	15,2	15,6	15,6	13,0		
f _t ⊥	20,1	17,2	16,0	14,8	15,1	14,3	16,8		
Characteristic mean MOE in bending									
E _m II	10121	9220	9063	9685	8762	7881	7881		
E _m ⊥	2300	3567	5805	3582	5336	5202	5202		
Characteristic mean MOE in compression									
E _c II	5620								
E _c ⊥	6379								
Characteristic mean MOE in tension									
E _t II	8346	7078	6914	7264	7722	6541	6231		
E _t ⊥	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:

Morąg, POLAND, 7th October 2024



Jarosław Wasiuk
Dyrektor Sprzedaży Eksportowej
Export Sales Director