DECLARATION OF CONFORMITY, No DoC-SW FR-04

1. Identification code of the product-type:
Structural thick ply softwood plywood, uncoated, 12-40 mm.

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

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
UK 0836-CPR-22/6322

Notified body
British Board Of Agrément (Approved body No 0836)
Bucknalls Lane
Watford
Hertfordshire WD25 9BA

Paged

UK CA

7. Declared performance:

Thick ply softwood plywood				
Essential characteristics	**End use condition**	**min. thickness (mm)**	**Performance**	**Harmonized standard EN 13986+A1:2015**
			Class (ex. floorings)	
Reaction to fire	Mechanically fixed on metal profile substructure, mounted on gypsum plasterboard (thickness 12 mm ± 0,5 mm, density 700 kg/m³ ± 100 kg/m³) 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	B_{fl}-s1	

Essential characteristics	**Performance**	
Water vapour permeability	Wet cup μ - 70 Dry cup μ - 200	
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))	0,13	
Bonding quality	Class 3	
Biological durability	Uncoated or coated and unprotected	Use class 2
Embedment strength	NPD	
Air permeability	NPD	
Racking resistance	NPD	
Mean density (kg/m³)	585	

Nominal thickness	9	12	15	18	21	24	27	30	35	40	**Harmonized standard EN 13986+A1:2015**
Essential characteristics	**Performance**										
Characteristic bending strength											
f_{m} II	26,7	28,0	28,0	25,2	26,8	27,6	25,2	25,2			
f_{m} ⊥	11,5	15,1	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	9,1	14,3	14,9	17,1	15,2	15,6	15,6	13,0			
f_{t} ⊥	16,5	21,2	17,2	16,0	14,8	15,1	14,3	16,8			
Characteristic mean MOE in bending											
E_{m} II	10956	9821	9220	9063	9685	8762	7881	7881			
E_{m} ⊥	2177	3128	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	6628	8346	7078	6914	7264	7722	6541	6231			
E_{t} ⊥	6788	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										

Performance of this product, as identified above, is in conformity with the set declared performances and characteristics. This declaration of conformity 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, 1st December 2022