

DECLARATION OF PERFORMANCE, no. DoP-SW FR-04

1. Identification code of the product-type:

Thick softwood plywood for structural applications, uncoated, 12-40 mm

2. Intended uses:

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

3. Manufacturer:

Paged Morąg S.A.
Ul. Mazurska 1
14-300 Morąg

4. System of AVCP:

AVCP system 1

5. Inspection body:

MPA Eberswalde, operating under identification number 0763-CPR.

6. Harmonized standard:

EN 13986+A1:2015, EN 13501-1:2019-02.

Fabryka Morąg
Ul. Mazurska 1
14-300 Morąg, Polska
0763-CPR-6083

7. Declared performance:

Thick softwood plywood			
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/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	Class (ex. floorings)
			B-s1, d0
Essential characteristics	Performance		
Water vapour permeability	Wet cup μ - 70 Dry cup μ - 200		
Release of formaldehyde	Class ½ E1		
Content of pentachlorophenol (PCP)	None		
Airborne sound insulation	NPD		
Sound absorption α	Range	Sound absorption α	
	250-500 Hz	0,10	
	1000-2000 Hz	0,30	
Thermal conductivity λ (W/(m·K))	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		
Density range (kg/m³)	550-700		

Harmonized standard EN 13986+A1:2015

Nominal thickness	12	15	18	21	24	27	30	35	40
Essential characteristics	Performance								
Characteristic value of bending strength acc. EN 789 (N/mm²)									
fm	28,0	28,0	25,2	26,8	27,6	25,2			
fm ⊥	15,1	12,2	18,8	17,4	17,0	16,8			
Characteristic compression strength	NPD								
Characteristic tension strength	NPD								
Characteristic value in bending MOE acc. EN 789 (N/mm²)									
Em	9821	9220	9063	9685	8762	7881			
Em ⊥	3128	3567	5805	3582	5336	5202			
Mean MOE in compression and tension	NPD								
Char. Panel shear	NPD								
Char. Planar shear	NPD								
Mean MOR in panel shear	NPD								
Mean MOR in planar shear	NPD								
Strength and stiffness under point load	NPD								
Impact resistance	NPD								

Harmonized standard EN 13986+A1:2015

8. 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 on behalf of the manufacturer:

DYREKTOR
Sprzedaży i Marketingu
Michał Mroz
Michał Mroz