

DECLARATION OF PERFORMANCE, no. DoP-SW FR-03

1. Identification code of the product-type:

Thick softwood plywood for structural applications, uncoated, 9-40 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.

Paged Morąg
Ul. Mazurska 1
14-300 Morąg, Polska
0763-CPR-6084

7. Declared performance:

Thick softwood plywood			
Essential characteristics	End use condition	min. thickness (mm)	Performance
Reaction to fire	Wood and wood-based panels and substrates of Euroclasses A1 or A2 at least 6 mm thick, having a density $\geq 1800 \text{ kg/m}^3$. Mechanically fixed against the substrate or against battens created a void.	9	Class (floorings)
			B _{fl} -s1
Essential characteristics		Performance	
Water vapour permeability	Wet cup $\mu - 70$ Dry cup $\mu - 200$		
Release of formaldehyde	Class $\frac{1}{2}$ 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/m ³)	550-700		

Harmonized standard EN 13986+A1:2015

Nominal thickness	9	12	15	18	21	24	27	30	35	40
Essential characteristics	Performance									
Characteristic value of bending strength acc. EN 789 (N/mm ²)										
fm	26,7	28,0	28,0	25,2	26,8	27,6	25,2			
fm ⊥	11,5	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/mm ²)										
Em	10956	9821	9220	9063	9685	8762	7881			
Em ⊥	2177	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