

## DECLARATION OF PERFORMANCE, no. DoP-SW-02

**1. Identification code of the product-type:**

Structural thick 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

**4. System of AVCP:**

AVCP system 2+

**5. Inspection body:**

MPA Eberswalde, operating under identification number 0763-CPR.

**6. Harmonized standard:**

EN 13986+A1:2015

Paged Morąg

Ul. Mazurska 1

14-300 Morąg, Polska

0763-CPR-6008

0763-CPR-6009

0763-CPR-6082

7. Declared performance:

Thick 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 <sub>fl</sub> -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 <sub>fl</sub> -s1
	with an open air gap behind the wood-based panel	18	D-s2, d0	D <sub>fl</sub> -s1
	any	3	E	E <sub>fl</sub>
Essential characteristics	Performance			
Water vapour permeability	Wet cup $\mu$ - 70 Dry cup $\mu$ - 200			
Release of formaldehyde	Class ½ E1			
Content of pentachlorophenol (PCP)	None			
Airborne sound insulation	NPD			
Sound absorption $\alpha$	Range	$\alpha$		
	250-500 Hz 1000-2000 Hz	0,10 0,30		
Thermal conductivity $\lambda$ (W/(mK))	0,13			
Bonding quality	Class 3			
Biological durability	Uncoated or coated and unprotected	Uncoated or coated and unprotected		
	Coated with protected edges	Coated with protected edges		
Embedment strength	NPD			
Air permeability	NPD			
Racking resistance	NPD			
Mean density (kg/m³)	585			

Harmonized standard EN 13986+A1:2015

Nominal thickness	9	12	15	18	21	24	27	30	35	40
Essential characteristics acc. EN 789 (N/mm²)	Performance									
Characteristic value of bending strength										
		26,7	28,0	28,0	25,2	26,8	27,6	25,2	25,2	
⊥	11,5	15,1	12,2	18,8	17,4	17,0	16,8	16,8		
Characteristic compression strength										
		16,7								
⊥	22,0									
Characteristic tension strength										
		9,1	14,3	14,9	17,1	15,2	15,6	15,6	13,0	
⊥	16,5	21,2	17,2	16,0	14,8	15,1	14,3	16,8		
Characteristic mean MOE in bending										
		10956	9821	9220	9063	9685	8762	7881	7881	
⊥	2177	3128	3567	5805	3582	5336	5202	5202		
Characteristic mean MOE in compression										
		5620								
⊥	6379									
Characteristic mean MOE in tension										
		6628	8346	7078	6914	7264	7722	6541	6231	
⊥	6788	6896	6868	7118	6906	6655	7353	6457		
Characteristic panel shear										
		5								
⊥	5									
Characteristic mean MOR in panel shear										
		500								
⊥	500									
Characteristic planar shear										
		1,8								
⊥	1,2									
Characteristic mean MOR in planar shear										
		42								
⊥	48									

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 Mroź*  
Michał Mroź