

DECLARATION OF PERFORMANCE, no. DoP-HSW-01

1. Identification code of the product-type:

Plywood build of hardwood face and thick veneer softwood core for structural applications, coated or uncoated, 9-40 mm

2. Intended uses:

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

For coated and/or surface protected plywood as a structural component according to EN 636-3 S

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:

Hardwood face and thick veneer softwood core 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 _{fl} -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 _{fl} -s1
	with an open air gap behind the wood-based panel	18	D-s2, d0	D _{fl} -s1
	any	3	E	E _{fl}
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		α	
	250-500 Hz		0,10	
	1000-2000 Hz		0,30	
Thermal conductivity λ (W/(mK))	0,13			
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)	605			

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)										
f _m	21,3	20,4	36,5	35,1	32,2	33,0	30,1	29,3	30,2	
f _m ⊥	28,5	33,1	39,3	25,3	31,6	30,5	25,9	27,4	27,0	
Characteristic compression strength	NPD									
Characteristic tension strength	NPD									
Characteristic value in bending MOE acc. EN 789 (N/mm ²)										
E _m	5327	5774	10317	9169	8531	7244	8419	8246	7940	
E _m ⊥	6438	6541	11267	10404	9327	8357	8344	8317	8158	
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