

DECLARATION OF PERFORMANCE, no. DoP-HSW FR-01

1. Identification code of the product-type:

Hardwood face and thick softwood core plywood for structural applications, coated, 9-40 mm

2. Intended uses:

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, EN 13501-1:2019-02

Paged Morąg
Ul. Mazurska 1
14-300 Morąg, Polska
0763-CPR-6085

7. Declared performance:

Hardwood face and thick softwood core 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)
			Br-s1
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/(mxK))		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/m³)		605	

Harmonized standard EN 13986+A1:2015

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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)										
$f_m \parallel$	21,3	20,4	36,5	35,1	32,2	33,0	30,1	29,3	30,2	
$f_m \perp$	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)										
$E_m \parallel$	5327	5774	10317	9169	8531	7244	8419	8246	7940	
$E_m \perp$	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 Mrocz