

DECLARATION OF PERFORMANCE, No 2024/01/23-DoP-HW FR-02

- 1. Identification code of the product-type:**
Structural hardwood plywood FR-O, uncoated, 12-30 mm. Product suitable for veneering.
- 2. Intended uses:**
For uncoated and surface unprotected plywood as a structural component according to EN 636-2.
- 3. Manufacturer:**
Paged Morąg S.A.
ul. Kwiatowa 1
12-200 Pisz
- 5. System of AVCP:**
AVCP system 1
- 6a. Harmonized standard:**
EN 13986:2004+A1:2015, EN 13501-1:2019-02

Paged Morąg
ul. Kwiatowa 1
12-200 Pisz, Poland
0763-CPR-6116

Notified body

MPA Eberswalde - Materialprüfanstalt Brandenburg GmbH (Approved body No 0763)
Alfred-Möller-Straße 1
16225 Eberswalde
Germany

7. Declared performance:

Hardwood plywood FR-O			
Essential characteristics	End use condition	min. thickness (mm)	Performance
			Class (ex. floorings)
Reaction to fire	Mechanically fastened to wooden slats, with vertical and/or horizontal joints, ventilated or un ventilated air gap.	12	B-s1, d0
Essential characteristics	Performance		
Water vapour permeability	Wet cup μ - 90 Dry cup μ - 220		
Release of formaldehyde	Class 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))	0,18		
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)	680-840		

Harmonized standard EN 13986+A1:2015

Nominal thickness	12	15	18	21	24	27	30
Essential characteristics	Performance						
Bending strength class acc. to EN 636							
II	F35	F35	F30	F30	F30		
I	F30	F25	F25	F25	F25		
Characteristic bending strength acc. to EN 636 (N/mm ²)							
f_m II	52	52	45	45	45		
f_m I	45	38	38	38	38		
Characteristic compression strength	NPD						
Characteristic tension strength	NPD						
E class in bending MOE acc. to EN 636							
II	E70	E80		E70	E70		
I	E50	E60		E50	E50		
Mean MOE in bending acc. to EN 636 (N/mm ²)							
E_m II	6300	7200		6300	6300		
E_m I	4500	5400		4500	4500		
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						

Harmonized standard EN 13986+A1:2015

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 for and on behalf of the manufacturer by:

Pisz, POLAND, 23rd January 2024



Jarosław Wasiuk
Dyrektor Sprzedaży Eksportowej
Export Sales Director