

DECLARATION OF PERFORMANCE, No 2024/01/02-DoP-SW FR-03

- 1. Identification code of the product-type:**
Structural thick ply softwood plywood, uncoated, 9-40 mm.
- 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. Mazurska 1
14-300 Morąg
- 5. System of AVCP:**
AVCP system 1
- 6a. Harmonized standard:**
EN 13986:2004+A1:2015, EN 13501-1:2019-02

Paged Morąg
ul. Mazurska 1
14-300 Morąg, Poland
0763-CPR-6084

Notified body

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

7. Declared performance:

Thick ply 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 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/(mxK))	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		
Mean density (kg/m ³)	585		

Harmonized standard EN 13986+A1:2015


Nominal thickness	9	12	15	18	21	24	27	30	35	40
Essential characteristics	Performance									
Characteristic bending strength										
f_m II	26,7	28,0	28,0	25,2	26,8	27,6	25,2	25,2		
f_m \perp	11,5	15,1	12,2	18,8	17,4	17,0	16,8	16,8		
Characteristic compression strength										
f_c II	16,7									
f_c \perp	22,0									
Characteristic tension strength										
f_t II	9,1	14,3	14,9	17,1	15,2	15,6	15,6	13,0		
f_t \perp	16,5	21,2	17,2	16,0	14,8	15,1	14,3	16,8		
Characteristic mean MOE in bending										
E_m II	10956	9821	9220	9063	9685	8762	7881	7881		
E_m \perp	2177	3128	3567	5805	3582	5336	5202	5202		
Characteristic mean MOE in compression										
E_c II	5620									
E_c \perp	6379									
Characteristic mean MOE in tension										
E_t II	6628	8346	7078	6914	7264	7722	6541	6231		
E_t \perp	6788	6896	6868	7118	6906	6655	7353	6457		
Char. panel shear										
f_v II	5									
f_v \perp	5									
Mean MOR in panel shear										
E_v II	500									
E_v \perp	500									
Char. planar shear										
f_r II	1,8									
f_r \perp	1,2									
Mean MOR in planar shear										
E_r II	42									
E_r \perp	48									

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:

Morąg, POLAND, 2nd January 2024



Jarosław Wasiuk
Dyrektor Sprzedaży Eksportowej
Export Sales Director