

## DECLARATION OF PERFORMANCE, no. DoP-HW FR-02

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

Structural hardwood plywood, uncoated, 12-30 mm

**2. Intended uses:**

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

**3. Manufacturer:**

Paged Pisz Sp. z o.o.  
Ul. Kwiatowa 1  
12-200 Pisz

**4. System of AVCP:**

AVCP system 1

**5. Inspection body:**

MPA Eberswalde, operating under identification number 0763-CPR.

**6. Harmonized standard:**

EN 13986+A1:2015, EN 13501-1:2019-02.

Paged Pisz  
Ul. Kwiatowa 1  
12-200 Pisz, Polska  
0763-CPR-6036

7. Declared performance:

Hardwood plywood			
Essential characteristics	End use condition	min. thickness (mm)	Performance
			Class (ex. floorings)
Reaction to fire	Mounted on gypsum plasterboard as substrate or any non-combustible substrate of Euroclasses A1 or A2-s1, d0 (concrete, steel, non-combustible boards etc.) with thickness $\geq 12$ mm and a density $\geq 525$ kg/m <sup>3</sup> . Horizontal and vertical joints, with or without a void. Mechanically fixed (nails, screws etc.) directly against the substrate or with a void (void created by wooden battens or non-combustible battens creating an airgap of 40 mm).	12	B-s1, d0
Essential characteristics	Performance		
Water vapour permeability	Wet cup $\mu$ - 90 Dry cup $\mu$ - 220		
Release of formaldehyde	Class $\frac{1}{2}$ E1		
Content of pentachlorophenol (PCP)	None		
Airborne sound insulation	NPD		
Sound absorption $\alpha$	Range	Sound absorption $\alpha$	
	250-500 Hz	0,10	
	1000-2000 Hz	0,30	
Thermal conductivity $\lambda$ (W/(mK))	0,17		
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 <sup>3</sup> )	720-880		

Harmonized standard EN 13986+A1:2015

Nominal thickness	12	15	18	21	24	27	30
Essential characteristics	Performance						
F class in bending strength acc. EN 636							
f	F35	F35	F30	F30	F30		
f ⊥	F30	F25	F25	F25	F25		
Characteristic value of bending strength acc. EN 310 (N/mm <sup>2</sup> )							
f <sub>m</sub>	52	52	45	45	45		
f <sub>m</sub> ⊥	45	38	38	38	38		
Characteristic compression strength	NPD						
Characteristic tension strength	NPD						
E class in bending MOE acc. EN 636							
E	E70	E80		E70	E70		
E ⊥	E50	E60		E50	E50		
Mean value in bending MOE acc. EN 310 (N/mm <sup>2</sup> )							
E <sub>m</sub>	6300	7200		6300	6300		
E <sub>m</sub> ⊥	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						
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*  
Michał Mroz