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DECLARATION OF PERFORMANCE, no. DoP-HW FR-03

1. **Identification code of the product-type:**
   Hardwood plywood for structural applications, uncoated, 9-24 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-6078

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7. Declared performance:

Hardwood plywood				
Essential characteristics	End use condition	min. thickness (mm)	Performance	Harmonized standard EN 13986+A1:2015
			Class (floorings)	
Reaction to fire	Any end use substrate of Euroclasses A1 or A2 with or without a void.	9	B_{fl}-s1	

Essential characteristics	Performance	
Water vapour permeability	Wet cup μ - 90 Dry cup μ - 220	
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/(mxK))	0,17	
Bonding quality	Class 2	
Biological durability	Uncoated or coated and unprotected	Use class 2
Embedment strength	NPD	
Air permeability	NPD	
Racking resistance	NPD	
Density range (kg/m³)	700-950	

Nominal thickness	9	12	15	18	21	24	Harmonized standard EN 13986+A1:2015
Essential characteristics	Performance						
F class in bending strength acc. EN 636							
f ‖	F70	F50	F40	F30	F40		
f ⊥	F20	F35	F30	F35	F30		
Characteristic value of bending strength acc. EN 310 (N/mm²)							
fm ‖	105	75	60	45	60		
fm ⊥	30	52	45	52	45		
Characteristic compression strength	NPD						
Characteristic tension strength	NPD						
E class in bending MOE acc. EN 636							
E ‖	E100	E100	E100	E90	E80		
E ⊥	E35	E70	E70	E70	E60		
Mean value in bending MOE acc. EN 310 (N/mm²)							
Em ‖	9000	9000	9000	8100	7200		
Em ⊥	3150	6300	6300	300	5400		
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						

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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:

