

## DECLARATION OF PERFORMANCE, no. DoP-HW-01

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

Structural hardwood or combi plywood, coated or uncoated, 9-50 mm

### 2. Intended uses:

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

For coated and/or surface protected plywood as a structural component according to EN 636-3

### 3. Manufacturer:

Paged Pisz Sp. z o.o.

Ul. Kwiatowa 1

12-200 Pisz

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

Paged Pisz

Ul. Kwiatowa 1

12-200 Pisz, Polska

0763-CPR-6079

0763-CPR-6071

0763-CPR-6073

Paged Morąg

Ul. Mazurska 1

14-300 Morąg, Polska

0763-CPR-6086

0763-CPR-6006

0763-CPR-6080

7. Declared performance:

Hardwood plywood				
Essential characteristics	End use condition	min. thickness (mm)	Performance	
			Class (ex. floorings)	Class (floorings)
Reaction to fire	without an air gap behind the wood-based panel	9	D-s2, d0	D <sub>fl</sub> -s1
	with a closed or an open air gap not more than 22 mm behind the wood-based panel	9	D-s2, d2	-
	with a closed air gap behind the wood-based panel	15	D-s2, d1	D <sub>fl</sub> -s1
	with an open air gap behind the wood-based panel	18	D-s2, d0	D <sub>fl</sub> -s1
	any	3	E	E <sub>fl</sub>
Essential characteristics	Performance			
Water vapour permeability	Wet cup $\mu$ - 90 Dry cup $\mu$ - 220			
Release of formaldehyde	Class ½ E1			
Content of pentachlorophenol (PCP)	None			
Airborne sound insulation	NPD			
Sound absorption $\alpha$	Range	$\alpha$		
	250-500 Hz	0,10		
	1000-2000 Hz	0,30		
Thermal conductivity $\lambda$ (W/(m·K))	0,17			
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			
Density range (kg/m³)	640-760			

Harmonized standard EN 13986+A1:2015

Nominal thickness	9	12	15	18	21	24	27	30	35	40	45	50
Essential characteristics	Performance											
F class in bending strength acc. EN 636												
f <sub>  </sub>	F40			F35			F40					
f <sub>⊥</sub>	F35			F30			F30					
Characteristic value of bending strength acc. EN 310 (N/mm²)												
f <sub>m  </sub>	60			52			60					
f <sub>m⊥</sub>	52			45			45					
Characteristic compression strength	NPD											
Characteristic tension strength	NPD											
E class in bending MOE acc. EN 636												
E <sub>  </sub>	E80	E80	E80	E70	E70							
E <sub>⊥</sub>	E50	E60	E70	E60	E50							
Mean value in bending MOE acc. EN 310 (N/mm²)												
E <sub>m  </sub>	7200	7200	7200	6300	6300							
E <sub>m⊥</sub>	4500	5400	6300	5400	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

Combi plywood				
Essential characteristics	End use condition	min. thickness (mm)	Performance	
			Class (ex. floorings)	Class (floorings)
Reaction to fire	without an air gap behind the wood-based panel	9	D-s2, d0	D <sub>fl</sub> -s1
	with a closed or an open air gap not more than 22 mm behind the wood-based panel	9	D-s2, d2	-
	with a closed air gap behind the wood-based panel	15	D-s2, d1	D <sub>fl</sub> -s1
	with an open air gap behind the wood-based panel	18	D-s2, d0	D <sub>fl</sub> -s1
	any	3	E	E <sub>fl</sub>
Essential characteristics	Performance			
Water vapour permeability	Wet cup $\mu$ - 90 Dry cup $\mu$ - 220			
Release of formaldehyde	Class ½ E1			
Content of pentachlorophenol (PCP)	None			
Airborne sound insulation	NPD			
Sound absorption $\alpha$	Range	$\alpha$		
	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		
	Coated with protected edges	Use class 3		
Embedment strength	NPD			
Air permeability	NPD			
Racking resistance	NPD			
Density range (kg/m <sup>3</sup> )	580-700			

Harmonized standard EN 13986+A1:2015

Nominal thickness	9	12	15	18	21	24	27	30	35	40	45	50
Essential characteristics	Performance											
F class in bending strength acc. EN 636												
f <sub>  </sub>	F40			F35			F40					
f <sub>⊥</sub>	F35			F30			F30					
Characteristic value of bending strength acc. EN 636 (N/mm <sup>2</sup> )												
fm <sub>  </sub>	60			52			60					
fm <sub>⊥</sub>	52			45			45					
Characteristic compression strength	NPD											
Characteristic tension strength	NPD											
E class in bending MOE acc. EN 636												
E <sub>  </sub>	E80	E90	E80	E70	E70							
E <sub>⊥</sub>	E50	E70	E70	E60	E60							
Mean value in bending MOE acc. EN 636 (N/mm <sup>2</sup> )												
Em <sub>  </sub>	7200	8100	7200	6300	6300							
Em <sub>⊥</sub>	4500	6300	6300	5400	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											

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