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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

5. System of AVCP:
AVCP system 2+

6a. Harmonized standard:
EN 13986:2004+A1:2015

Paged Pisz	Paged Morąg
ul. Kwiatowa 1	ul. Mazurska 1
12-200 Pisz, Poland	14-300 Morąg, Poland
0763-CPR-6079	0763-CPR-6086
0763-CPR-6071	0763-CPR-6006
0763-CPR-6073	0763-CPR-6080

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

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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 (ex. floorings)	Class (floorings)	
Reaction to fire	without an air gap behind the wood-based panel	9	D-s2, d0	D_{fl}-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_{fl}-s1	
	with an open air gap behind the wood-based panel	18	D-s2, d0	D_{fl}-s1	
	any	3	E	E_{fl}	

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))	0,17	
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	

Nominal thickness	9	12	15	18	21	24	27	30	35	40	45	50	Harmonized standard EN 13986+A1:2015
Essential characteristics	Performance												
Bending strength class acc. to EN 636													
II	F40				F35	F40							
⊥	F35				F30	F30							
Characteristic bending strength acc. to EN 636 (N/mm²)													
f_m II	60				52	60							
f_m ⊥	52				45	45							
Characteristic compression strength	NPD												
Characteristic tension strength	NPD												
E class in bending MOE acc. to EN 636													
II	E80	E80	E80		E70	E70							
⊥	E50	E60	E70		E60	E50							
Mean MOE in bending acc. to EN 636 (N/mm²)													
E_m II	7200	7200	7200		6300	6300							
E_m ⊥	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												

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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_{fl}-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_{fl}-s1
	with an open air gap behind the wood-based panel		18	D-s2, d0	D_{fl}-s1
	any		3	E	E_{fl}
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/(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/m³)	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											
Bending strength class acc. to EN 636												
∥	F40				F35	F40						
⊥	F35				F30	F30						
Characteristic bending strength acc. to EN 636 (N/mm²)												
f_m ∥	60				52	60						
f_m ⊥	52				45	45						
Characteristic compression strength	NPD											
Characteristic tension strength	NPD											
E class in bending MOE acc. EN 636												
∥	E80	E90	E80		E70	E70						
⊥	E50	E70	E70		E60	E60						
Mean MOE in bending acc. to EN 636 (N/mm²)												
E_m ∥	7200	8100	7200		6300	6300						
E_m ⊥	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											

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, 1st November 2022