

DECLARATION OF PERFORMANCE, No 2025/07/11-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 plywood with unprotected surfaces and/or edges as a structural element in accordance with EN 636-2.

For plywood with protected surfaces and edges as a structural element in accordance with EN 636-3.

3. Manufacturer:

Paged Plywood S.A.
ul. Kwiatowa 1
12-200 Pisz

Paged Plywood S.A.
ul. Mazurska 1
14-300 Morąg

5. System of AVCP:

AVCP system 2+

6a. Harmonized standard:

EN 13986:2004+A1:2015

Paged Plywood S.A.
ul. Kwiatowa 1
12-200 Pisz, Poland
0763-CPR-6174
0763-CPR-6172

Paged Plywood S.A.
ul. Mazurska 1
14-300 Morąg, Poland
0763-CPR-6186
0763-CPR-6181

Notified body

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

7. Declared performance:

Hardwood plywood				
Essential characteristics	End use condition	min. thickness (mm)	Performance	
Reaction to fire			Class (ex. floorings)	Class (floorings)
	without an air gap behind the wood-based panel	9	D-s2, d0	Dfl-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	Dfl-s1
	with an open air gap behind the wood-based panel	18	D-s2, d0	Dfl-s1
	any	3	E	Efl
Essential characteristics	Performance			
Water vapour permeability	Wet cup μ - 86 Dry cup μ - 215			
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	Unprotected surfaces and edges	Use class 2		
	Protected surfaces and 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

Harmonized standard EN 13986+A1:2015

Nominal thickness	9	12	15	18	21	24	27	30	35	40	45	50
Essential characteristics acc. to EN 789 (N/mm ²)	Performance											
Characteristic bending strength												
f_m II	42,3	48,5	38,9	45,8	44,2	41,2	36,9	44,7	43,3	40,9	49,0	40,3
f_m $\perp$	36,8	34,0	58,4	29,2	30,7	45,4	37,1	45,0	36,4	33,5	44,3	40,0
Characteristic compression strength												
f_c II	31,6											
f_c $\perp$	30,8											
Characteristic tension strength	NPD											
Characteristic mean MOE in bending												
E_m II	9763	10615	7866	8974	9216	9274	9349	10163	9268	8523	9650	9439
E_m $\perp$	7505	7289	9377	5974	6066	9349	7823	8707	8671	8441	8774	9283
Characteristic mean MOE in compression												
E_c II	9189											
E_c $\perp$	8727											
Characteristic mean MOE in tension	NPD											
Char. panel shear												
F_v II	9,5											
F_v $\perp$	9,7											
Characteristic mean MOR in panel shear												
G_v II	600											
G_v $\perp$	604											
Char. planar shear	NPD											
Characteristic mean MOR in planar shear	NPD											

Harmonized standard EN 13986+A1:2015

Combi plywood				
Essential characteristics	End use condition	min. thickness (mm)	Performance	
Reaction to fire			Class (ex. floorings)	Class (floorings)
	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 - 82 Dry cup μ - 208			
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))	0,16			
Bonding quality	Class 3			
Biological durability	Unprotected surfaces and edges	Use class 2		
	Protected surfaces and edges	Use class 3		
Embedment strength	NPD			
Air permeability	NPD			
Racking resistance	NPD			
Density range (kg/m³)	600-700			

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Nominal thickness	9	12	15	18	21	24	27	30	35	40	45	50
Essential characteristics acc. to EN 789 (N/mm²)	Performance											
Characteristic bending strength												
f _m II	27,6	32,9	38,5	36,9	31,4	28,2	27,8	37,9	35,2	38,1		
f _m ⊥	29,6	38,3	35,5	37,0	48,1	38,9	40,9	44,8	38,1	33,0		
Characteristic compression strength												
f _c II	23,6											
f _c ⊥	23,7											
Characteristic tension strength	NPD											
Characteristic mean MOE in bending												
E _m II	7014	7557	7989	7529	7090	6220	6637	7766	7643	7432		
E _m ⊥	6745	8956	8609	9257	9587	8799	8570	8798	7855	8243		
Characteristic mean MOE in compression												
E _c II	7617											
E _c ⊥	8323											
Characteristic mean MOE in tension	NPD											
Char. panel shear	NPD											
Characteristic mean MOR in panel shear	NPD											
Char. planar shear	NPD											
Characteristic mean MOR in planar shear	NPD											

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The performance of the product identified above is in conformity with the set of declared performance/s. 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, 11th July 2025

A handwritten signature in blue ink, reading "Maria Perkowski".

PAGED Plywood S.A.

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