

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		
			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			
Performance					
Essential characteristics					
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				
Thermal conductivity λ (W/(mK))	250-500 Hz				
Bonding quality	1000-2000 Hz				
Biological durability	0,17				
Embedment strength	Class 3				
Air permeability	Unprotected surfaces and edges				
Racking resistance	Protected surfaces and edges				
Density range (kg/m ³)	NPD				
	NPD				
	NPD				
	640-760				

Harmonized standard EN 13986+A1:2015													
Nominal thickness	9	12	15	18	21	24	27	30	35	40	45	50	Performance
Essential characteristics acc. to EN 789 (N/mm ²)													
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 I	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 I	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 I	7505	7289	9377	5974	6066	9349	7823	8707	8671	8441	8774	9283	
Characteristic mean MOE in compression													
E _c II	9189												
E _c I	8727												
Characteristic mean MOE in tension	NPD												
Char. panel shear													
F _v II	9,5												
F _v I	9,7												
Characteristic mean MOR in panel shear													
G _v II	600												
G _v I	604												
Char. planar shear	NPD												
Characteristic mean MOR in planar shear	NPD												

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	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	En	
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				
		1000-2000 Hz				
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				

Harmonized standard EN 13986+A1:2015																
Nominal thickness	9	12	15	18	21	24	27	30	35	40	45	50	Performance			
Essential characteristics acc. to EN 789 (N/mm ²)																
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	38,1					
f_m I	29,6	38,3	35,5	37,0	48,1	38,9	40,9	44,8	38,1	33,0	33,0					
Characteristic compression strength																
f_c II	23,6															
f_c I	23,7															
Characteristic tension strength	NPD															
Characteristic mean MOE in bending																
E_m II	7014	7557	7989	7529	7090	6220	6637	7766	7643	7432	7432					
E_m I	6745	8956	8609	9257	9587	8799	8570	8798	7855	8243	8243					
Characteristic mean MOE in compression																
E_c II	7617															
E_c I	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															

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



PAGED Plywood S.A.

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