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DECLARATION OF PERFORMANCE, No 2024/01/02-DoP-HSW-01

1. Identification code of the product-type:
Structural hardwood plywood with birch face and softwood core, coated or uncoated, 9-40 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 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 Morąg
ul. Mazurska 1
14-300 Morąg, Poland
0763-CPR-6008
0763-CPR-6009
0763-CPR-6082

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 with birch face and softwood core					
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 - 80 Dry cup μ - 210	
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))	0,15	
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	
Mean density (kg/m³)	605	

Nominal thickness	9	12	15	18	21	24	27	30	35	40	Harmonized standard EN 13986+A1:2015
Essential characteristics	Performance										
Characteristic bending strength											
f_m II	21,3	20,4	36,5	35,1	32,2	33,0	30,1	29,3	30,2		
f_m ⊥	28,5	33,1	39,3	25,3	31,6	30,5	25,9	27,4	27,0		
Characteristic compression strength	NPD										
Characteristic tension strength	NPD										
Mean MOE in bending											
E_m II	5327	5774	10317	9169	8531	7244	8419	8246	7940		
E_m ⊥	6438	6541	11267	10404	9327	8357	8344	8317	8158		
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										

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:

Morąg, POLAND, 2nd January 2024