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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:

Essential characteristics End use condition min. thickness (mm) Performance without an air gap behind the wood- based panel 9 D-52, d0 Dn-51 with a closed or an open air gap not more than 22 mm behind the wood- based panel 9 D-52, d1 Dn-51 with a closed or an open air gap pohind the wood-based panel 15 D-52, d1 Dn-51 with a closed or gap behind the wood-based panel 18 D-52, d0 Dn-51 with a open air gap behind the wood-based panel 18 D-52, d0 Dn-51 Water vapour permeability Wet cup µ - 80 Dry cup µ - 210 Dn-51 Release of formaldehyde Class E1 Content of pentachlorophenol (PCP) None Airborne sound insulation NPD 0,10 0,30 Thermal conductivity λ (W/(mK)) 0,15 Uncoated or coated and unprotected Use class 2 Biological durability Uncoated or coated and unprotected edges Use class 3 Uncoated or coated and unprotected Air permeability NPD NPD Air permeability MPD Air permeability NPD NPD Mean density (kg/m ³)		Hard	wood plywood with birch	face an	d softwood coi	re				
Instruction thickness (mm) Class (ex. floorings) Class (floorings) without an air gap behind the wood- based panel 9 D-s2, d0 Dm-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 Dm-s1 with a closed air gap behind the wood-based panel 18 D-s2, d0 Dm-s1 with a open air gap behind the wood-based panel 3 E En Water vapour permeability Wet cup μ - 80 Dry cup μ - 210 Dm-s1 Release of formaldehyde Class E1 Content of pentachlorophenol (PCP) None Airborne sound insulation NPD 0,10 0,30 Thermal conductivity λ (W/(mK)) 0,15 0,30 0,15 Biological durability Uncoated or coated and unprotected Use class 2 0 Use class 3 Embedment strength NPD NPD MPD Air permeability NPD NPD MPD			For days and distant	min.	Perfo	Performance				
based panel 9 D-52, d0 Dm-51 with a closed or an open air gap not more than 22 mm behind the wood- based panel 9 D-52, d2 - with a closed air gap behind the wood-based panel 15 D-52, d1 Dm-51 with a closed air gap behind the wood-based panel 18 D-52, d0 Dm-51 with a closed air gap behind the wood-based panel 18 D-52, d0 Dm-51 with a closed air gap behind the wood-based panel 18 D-52, d0 Dm-51 Water vapour permeability Wet cup µ - 80 Dry cup µ - 210 Dm-51 Performance Release of formaldehyde Class E1 Content of pentachlorophenol (PCP) None None Airborne sound insulation NPD 0,10 0,30 Thermal conductivity λ (W/(mK)) 0,15 Biological durability Uncoated or coated and unprotected Use class 2 Use class 3 Embedment strength NPD MPD Air permeability MPD Air permeability NPD NPD Air permeability NPD			End use condition		Class	Class (floorings))			
Reaction to fire based panel 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 Dn-S1 with a nopen air gap behind the wood-based panel 18 D-S2, d0 Dn-S1 with a nopen air gap behind the wood-based panel 18 D-S2, d0 Dn-S1 with a nopen air gap behind the wood-based panel 18 D-S2, d0 Dn-S1 any 3 E En En Kar vapour permeability Wet cup µ - 80 Dry cup µ - 210 NP Release of formaldehyde Class E1 Content of pentachlorophenol (PCP) NPD NP NP <th></th> <td>witho</td> <td>0</td> <td>9</td> <td></td> <td>D_{fl}-s1</td> <td></td>		witho	0	9		D _{fl} -s1				
wood-based panel 15 D-s2, d1 Dn-s1 with an open air gap behind the wood-based panel 18 D-s2, d0 Dn-s1 any 3 E En Essential characteristics Performance En Water vapour permeability Wet cup μ - 80 Dry cup μ - 210 En Release of formaldehyde Class E1 Content of pentachlorophenol (PCP) None Airborne sound insulation NPD 0,10 0,10 Sound absorption α 250-500 Hz 0,10 0,10 1000-2000 Hz 0,15 0,10 0,15 E Biological durability Uncoated or coated and unprotected Use class 3 E Biological durability Uncoated or coated and unprotected Use class 3 E Air permeability NPD A NPD Air permeability NPD	Reaction to fire		than 22 mm behind the wood-	9	D-s2, d2	-				
wood-based panel 18 D-S2, d0 DH-S1 any 3 E En Essential characteristics Performance En En Water vapour permeability Wet cup μ - 80 Dry cup μ - 210 En		wit	0 1	15	D-s2, d1	D _{fl} -s1				
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1000-2000 Hz 0,30 Thermal conductivity λ (W/(mK)) 0,15 Bonding quality 0,15 Bonding quality Class 3 Biological durability Uncoated or coated and unprotected edges Coated with protected edges Use class 3 Embedment strength NPD Air permeability NPD Racking resistance NPD			None Z							
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Thermal conductivity λ (W/(mK)) 0,15 Bonding quality 0,15 Biological durability 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					015					
λ (W/(mK)) Uncoated or coated and unprotected Use class 2 Biological durability Uncoated or coated and unprotected edges Use class 3 Embedment strength NPD Air permeability NPD Racking resistance NPD	Thormal conductivity		1000-2000 Hz 0,30							
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			0,15							
Biological durability Coated with protected edges Use class 3 Embedment strength NPD Air permeability NPD Racking resistance NPD	Bonding quality		Class 3							
Coated with protected edges Use class 3 Embedment strength NPD Air permeability NPD Racking resistance NPD	Biological durability		Uncoated or coated and unp	Use	Use class 2					
Air permeability NPD Racking resistance NPD			Coated with protected e	Use	Use class 3					
Racking resistance NPD	Embedment strength		NPD							
	Air permeability		NPD							
Mean density (kg/m³) 605	Racking resistance		NPD							
	Mean density (kg/m³)			605						

Nominal thickness	9	12	15	18	21	24	27	30	35	40	
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] _
fm⊥	28,5	33,1	39,3	25,3	31,6	30,5	25,9	27,4	27,0		ları
Characteristic compression strength	NPD									nonize	
Characteristic tension strength	NPD									ed stand	
Mean MOE in bending											dard El
E _m II	5327	5774	10317	9169	8531	7244	8419	8246	79	40	13
Em⊥	6438	6541	11267	10404	9327	8357	8344	8317	8158		86
Mean MOE in compression and tension	NPD									Harmonized standard EN 13986+A1:2015	
Char. panel shear	NPD										
Char. planar shear	NPD]		
Mean MOR in panel shear	NPD										
Mean MOR in planar shear	NPD										

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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:

Jarosina Wasiuk Dyrektor Sprzedaty Eksportowej Export Sales Director

Morąg, POLAND, 2nd January 2024