

**DECLARATION OF PERFORMANCE, No 2024/01/02-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 Morąg S.A.  
ul. Kwiatowa 1  
12-200 Pisz
- 5. System of AVCP:**  
AVCP system 2+
- 6a. Harmonized standard:**  
EN 13986:2004+A1:2015

|                     |                      |
|---------------------|----------------------|
| Paged Morąg         | 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

## 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 - 90<br>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                                                                          |                       |                   |        |

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| Nominal thickness                                      | 9           | 12   | 15   | 18 | 21   | 24 | 27   | 30 | 35 | 40 | 45 | 50 |
|--------------------------------------------------------|-------------|------|------|----|------|----|------|----|----|----|----|----|
| 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 <sub>m</sub> II                                      | 60          |      |      |    | 52   |    | 60   |    |    |    |    |    |
| f <sub>m</sub> ⊥                                       | 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 <sub>m</sub> II                                      | 7200        | 7200 | 7200 |    | 6300 |    | 6300 |    |    |    |    |    |
| E <sub>m</sub> ⊥                                       | 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           |                   |        |
| 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 - 90<br>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                                                                          |                       |                   |        |

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|                                                        |             |      |      |    |      |    |      |    |    |    |    |    |
|--------------------------------------------------------|-------------|------|------|----|------|----|------|----|----|----|----|----|
| Nominal thickness                                      | 9           | 12   | 15   | 18 | 21   | 24 | 27   | 30 | 35 | 40 | 45 | 50 |
| 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 <sub>m</sub> II                                      | 60          |      |      |    | 52   |    | 60   |    |    |    |    |    |
| f <sub>m</sub> ⊥                                       | 52          |      |      |    | 45   |    | 45   |    |    |    |    |    |
| Characteristic compression strength                    | NPD         |      |      |    |      |    |      |    |    |    |    |    |
| Characteristic tension strength                        | NPD         |      |      |    |      |    |      |    |    |    |    |    |
| E class in bending MOE acc. EN 636                     |             |      |      |    |      |    |      |    |    |    |    |    |
| II                                                     | E80         | E90  | E80  |    | E70  |    | E70  |    |    |    |    |    |
| ⊥                                                      | E50         | E70  | E70  |    | E60  |    | E60  |    |    |    |    |    |
| Mean MOE in bending acc. to EN 636 (N/mm²)             |             |      |      |    |      |    |      |    |    |    |    |    |
| E <sub>m</sub> II                                      | 7200        | 8100 | 7200 |    | 6300 |    | 6300 |    |    |    |    |    |
| E <sub>m</sub> ⊥                                       | 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         |      |      |    |      |    |      |    |    |    |    |    |

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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:

Pisz, POLAND, 2nd January 2024

  
*Jarosław Wasiuk*  
Dyrektor Sprzedaży Eksportowej  
Export Sales Director