

DECLARATION OF PERFORMANCE, No 2025/02/05-DoP-HW FR-02

1. **Identification code of the product-type:**
Structural hardwood plywood FR-O, uncoated, 9-30 mm. Product suitable for veneering.
2. **Intended uses:**
For plywood with unprotected surfaces and/or edges as a structural element in accordance with EN 636-2.
3. **Manufacturer:**
Paged Morąg S.A.
ul. Kwiatowa 1
12-200 Pisz
5. **System of AVCP:**
AVCP system 1
- 6a. **Harmonized standard:**
EN 13986:2004+A1:2015, EN 13501-1:2019-02

Paged Morąg
ul. Kwiatowa 1
12-200 Pisz, Poland
0763-CPR-6170

Notified body

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

7. Declared performance:

| Hardwood plywood FR-O | | | |
|---|---|---------------------|-----------------------|
| Essential characteristics | End use condition | min. thickness (mm) | Performance |
| | | | Class (ex. floorings) |
| Reaction to fire | Substrates: Any Substrate of euro classes A1 or A2 with or without an air gap. | 9 | B-s1, d0 |
| Essential characteristics | Performance | | |
| Water vapour permeability | Wet cup μ - 92 Dry cup μ - 223 | | |
| 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)) | 0,19 | | |
| Bonding quality | Class 3 | | |
| Biological durability | Unprotected surfaces and edges | Use class 2 | |
| Embedment strength | NPD | | |
| Air permeability | NPD | | |
| Racking resistance | NPD | | |
| Density range (kg/m ³) | 680-840 | | |

Harmonized standard EN 13986+A1:2015

| Nominal thickness | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
|---|-------------|------|-----|------|------|----|----|
| Essential characteristics | Performance | | | | | | |
| Bending strength class acc. to EN 636 | | | | | | | |
| II | F35 | F35 | F30 | F30 | F30 | | |
| I | F30 | F25 | F25 | F25 | F25 | | |
| Characteristic bending strength acc. to EN 636 (N/mm ²) | | | | | | | |
| f_m II | 52 | 52 | 45 | 45 | 45 | | |
| f_m I | 45 | 38 | 38 | 38 | 38 | | |
| Characteristic compression strength | NPD | | | | | | |
| Characteristic tension strength | NPD | | | | | | |
| E class in bending MOE acc. to EN 636 | | | | | | | |
| II | E70 | E80 | | E70 | E70 | | |
| I | E50 | E60 | | E50 | E50 | | |
| Mean MOE in bending acc. to EN 636 (N/mm ²) | | | | | | | |
| E_m II | 6300 | 7200 | | 6300 | 6300 | | |
| E_m I | 4500 | 5400 | | 4500 | 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 | | | | | | |

Harmonized standard EN 13986+A1:2015

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, 5th February 2025

Jaroslav Wasiuk
Dyrektor Sprzedaży Eksportowej
Export Sales Director