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**DECLARATION OF PERFORMANCE, no. DoP-HW FR-01**

1. **Identification code of the product-type:**
   Hardwood plywood for structural applications, coated or uncoated, 12-45 mm

2. **Intended uses:**
   For uncoated and surface unprotected plywood as a structural component according to EN 636-2 S
   For coated and/or surface protected plywood as a structural component according to EN 636-3 S

3. **Manufacturer:**
   Paged Pisz Sp. z o.o.
   Ul. Kwiatowa 1
   12-200 Pisz

4. **System of AVCP:**
   AVCP system 2+
   AVCP system 1

5. **Inspection body:**
   MPA Eberswalde, operating under identification number 0763-CPR.

6. **Harmonized standard:**
   EN 13986+A1:2015, EN 13501-1:2019-02

   Paged Pisz
   Ul. Kwiatowa 1
   12-200 Pisz, Polska
   0763-CPR-6037
   0763-CPR-6038
   0763-CPR-6077

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## 7. Declared performance:

| Hardwood plywood | | | | |
|---|---|---|---|---|
| Essential characteristics | End use condition | min. thickness (mm) | Performance | Harmonized standard EN 13986+A1:2015 |
| | | | Class (floorings) | |
| Reaction to fire | Any end use substrate of Euroclasses A1 or A2 at least 6 mm thick, having a density ≥ 1800 kg/m³. Mechanically fixed against the substrate or against battens created a void. | 12 | $B_{fl}$-s1 | |

| 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/(mxK)) | 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 | |

| Nominal thickness | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 35 | 40 | 45 | Harmonized standard EN 13986+A1:2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Essential characteristics | Performance | | | | | | | | | | |
| F class in bending strength acc. EN 636 | | | | | | | | | | | |
| f ‖ | F40 | | | F35 | F40 | | | | | | |
| f ⊥ | F35 | | | F30 | F30 | | | | | | |
| Characteristic value of bending strength acc. EN 310 (N/mm²) | | | | | | | | | | | |
| fm ‖ | 60 | | | 52 | 60 | | | | | | |
| fm ⊥ | 52 | | | 45 | 45 | | | | | | |
| Characteristic compression strength | NPD | | | | | | | | | | |
| Characteristic tension strength | NPD | | | | | | | | | | |
| E class in bending MOE acc. EN 636 | | | | | | | | | | | |
| E ‖ | E80 | E80 | E80 | E70 | E70 | | | | | | |
| E ⊥ | E50 | E60 | E70 | E60 | E50 | | | | | | |
| Mean value in bending MOE acc. EN 310 (N/mm²) | | | | | | | | | | | |
| Em ‖ | 7200 | 7200 | 7200 | 6300 | 6300 | | | | | | |
| Em ⊥ | 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 | | | | | | | | | | |
| Strength and stiffness under point load | NPD | | | | | | | | | | |
| Impact resistance | NPD | | | | | | | | | | |

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8. **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 on behalf of the manufacturer: