

## DECLARATION OF PERFORMANCE, no. DoP-SW FR-01

**1. Identification code of the product-type:**

Structural softwood plywood, uncoated, 9-45 mm

**2. Intended uses:**

For uncoated and surface unprotected plywood as a structural component according to EN 636-2 S

**3. Manufacturer:**

Paged Pisz Sp. z o.o.  
Ul. Kwiatowa 1  
12-200 Pisz

**4. System of AVCP:**

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-6076

## 7. Declared performance:

| Softwood plywood                        |  |                           |                   |
|---|--|---------------------------|-------------------|
| Essential characteristics               | End use condition  | min. thickness (mm)       | Performance       |
| Reaction to fire                        | Wood and wood-based panels and substrates of Euroclasses A1 or A2 at least 6 mm thick, having a density $\geq 1800 \text{ kg/m}^3$ . Mechanically fixed against the substrate or against battens created a void. | 9                         | Class (floorings) |
|   |  |                           | Bfl-s1            |
| Essential characteristics               | Performance  |                           |                   |
| Water vapour permeability               | Wet cup $\mu - 70$<br>Dry cup $\mu - 200$  |                           |                   |
| Release of formaldehyde                 | Class $\frac{1}{2}$ E1   |                           |                   |
| Content of pentachlorophenol (PCP)      | None   |                           |                   |
| Airborne sound insulation               | NPD  |                           |                   |
| Sound absorption $\alpha$               | Range  | Sound absorption $\alpha$ |                   |
|   | 250-500 Hz   | 0,10                      |                   |
|   | 1000-2000 Hz   | 0,30                      |                   |
| Thermal conductivity $\lambda$ (W/(mK)) | 0,13   |                           |                   |
| Bonding quality                         | Class 3  |                           |                   |
| Biological durability                   | Uncoated or coated and unprotected   | Use class 2               |                   |
| Embedment strength                      | NPD  |                           |                   |
| Air permeability                        | NPD  |                           |                   |
| Racking resistance                      | NPD  |                           |                   |
| Density range (kg/m <sup>3</sup> )      | 550-650  |                           |                   |

Harmonized standard EN 13986+A1:2015

| Nominal thickness   | 9           | 12   | 15   | 18   | 21   | 24 | 27  | 30 | 35 | 40 | 45 |
|---|-------------|------|------|------|------|----|-----|----|----|----|----|
| Essential characteristics   | Performance |      |      |      |      |    |     |    |    |    |    |
| F class in bending strength acc. EN 636                                   |             |      |      |      |      |    |     |    |    |    |    |
| f <sub>  </sub>   | F35         |      |      | F35  |      |    | F30 |    |    |    |    |
| f <sub>⊥</sub>  | F30         |      |      | F30  |      |    | F25 |    |    |    |    |
| Characteristic value of bending strength acc. EN 310 (N/mm <sup>2</sup> ) |             |      |      |      |      |    |     |    |    |    |    |
| f <sub>m  </sub>  | 52          |      |      | 52   |      |    | 45  |    |    |    |    |
| f <sub>m⊥</sub>   | 45          |      |      | 30   |      |    | 38  |    |    |    |    |
| Characteristic compression strength                                       | NPD         |      |      |      |      |    |     |    |    |    |    |
| Characteristic tension strength   | NPD         |      |      |      |      |    |     |    |    |    |    |
| E class in bending MOE acc. EN 636  |             |      |      |      |      |    |     |    |    |    |    |
| E <sub>  </sub>   | E80         | E80  | E70  | E70  | E60  |    |     |    |    |    |    |
| E <sub>⊥</sub>  | E50         | E50  | E50  | E50  | E40  |    |     |    |    |    |    |
| Mean value in bending MOE acc. EN 310 (N/mm <sup>2</sup> )                |             |      |      |      |      |    |     |    |    |    |    |
| E <sub>m  </sub>  | 7200        | 7200 | 6300 | 6300 | 5400 |    |     |    |    |    |    |
| E <sub>m⊥</sub>   | 4500        | 4500 | 4500 | 4500 | 3600 |    |     |    |    |    |    |
| 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         |      |      |      |      |    |     |    |    |    |    |

Harmonized standard EN 13986+A1:2015

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:

DYREKTOR  
Sprzedaży i Marketingu  
*Michał Mroz*  
Michał Mroz