



**Declaration of Performance (DoP) for Plywood**

**No. SEZ001/01.09.2024**

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

- **Product Name:** Structural Birch Plywood Type FSF thicknesses 6.5mm-30mm

**2.Intended Use(s):** For internal and External use as a structural component in dry and humid conditions (uncoated)/(coated and with sealed edges) - EN 636-1 , EN 636-2, EN 636-3, EN 13986.

**3.Manufacturer:**

SEZAR FOREST SRL

Com. Mandra ,Sat Ileni , 507126 Ileni , Brasov – Romania

**5. System of Assessment and Verification of Constancy of Performance (AVCP):**

- **System of Assessment:** AVCP System 2+

**6. Harmonised Standard:**

- **EN 13986:2004+A1:2015** – Plywood for use in construction.
- **Notified Body:** QUALITY-CERT SA - NB 1870
- **Certificate Number:** 1870-CPR-1636

**7. Declared Performance of the Plywood Panel:**

Essential Characteristics	Harmonised Technical Specification	Performance
Bending strength (N/mm <sup>2</sup> )	EN 13986 , 5.1	86.20
Bending stiffness (modulus of elasticity) (kN/mm <sup>2</sup> )	EN 13986 , 5.2	10.700
Bonding quality (N/mm <sup>2</sup> )	EN 13986 , 5.3	4.03
Durability (moisture resistance) (N / mm <sup>2</sup> )	EN 13986 , 5,6.5	4.01
Formaldehyde emission (Class 0.5 E1)	EN 13986 , 5.7	0.28
Fire reaction (class)	EN 13986 , 5.8	D-s2, d0 / D <sub>fi</sub> -s1 floorings
Water vapour permeability	EN 13986 , 5.9	
Wet bucket μ		90
Dry Cup μ		220
Permeability to water vapours μ	EN 13986 , 5.9	50/150
Noise isolation( dB)	EN 13986	28.5 dB
Sound absorption		
Frequency range from 250 Hz to 500 Hz	EN 13986 , 5.11	0.10
Frequency range from 1000 Hz to 2 000 Hz		0.30
Thermal Conductivity λ (W/(m-K))	EN 13986 , 5.11	0.10
Rigidity and strength for structural use for plywood, see EN 636: 2003, 5.2.2 (class)	EN 13986 , 5.11 EN 636-1,2	F50 E100
Mechanical durability	EN 13986 , 5.16 SR EN 1995-1	k <sub>def</sub> =2.50 k <sub>mod</sub> =0.50
Biological durability	EN 13986 , 5.17	
Class of exploitation according to SR EN 1995-1-1	SR EN 1995-1-1	Class 3
Class of use according to SR EN 335	SR EN 335	Class 2
Pentachlorophenol content (PCP)	EN 13986 , 5.18	≤ 5 ppm
Local bearing characteristic density Kg/m <sup>3</sup>	EN 13986 , 5.18	695

**8. Declaration:**

The performance of the product identified above is in conformity with the declared performance outlined in this Declaration of Performance. This declaration in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer identified above.

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**Signed for and on behalf of the manufacturer: SEZAR FOREST SRL**

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**Dirig Andrei**  
**Production Manager**  
**01.09.2024**

