

DECLARATION OF PERFORMANCE

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (The construction Products Regulation or CPR)

No. 0522-2009

1. Unique identification code of the panel type:

OSB/3

2. Product type:

Kronospan OSB; OSB/3 0522-2009

3. Intended use of the construction product:

**For internal use as a structural component in humid conditions
OSB/3 according to EN 300 is a load-bearing board for use in humid conditions**

(Humid conditions: conditions corresponding to service class 2 of EN 1995-1-1 which is characterized by a moisture content in the material corresponding to a temperature of 20 °C and a relative humidity of the surrounding air only exceeding 85 % for a few weeks per year)

4. Name and contact address of the manufacturer:

**KRONOSPAN TRADING SRL,
Str. Mihail Kogălniceanu Nr. 59, et.1, cam.1/12
• Sebeș • 515800 • Alba • România
Phone: +40 258 801 100 • Fax: +40 258 801 199,
office.ro@kronospan.ro**

5. Not applicable;

6. System of assessment and verification of constancy of performance:

System 2+ according to EN 13986:2004+A1:2015

7. The notified factory production control certification body:

**Timber Research and Development Institute Praha
Na Florenci 7-9 , 11171 Praha 1,
Czech Republic
www.vvud.cz
Notified body no. 1393**

The Notified body: Timber Research and Development Institute, Prague, performed initial inspection of the manufacturing plant and factory production control and performs continuous surveillance, assessment and evaluation of factory production control under the system 2+ as described in harmonised standard EN 13986:2004+A1:2015 and issued the certificate of conformity of the factory production control

No. 1393-CPR-0522

8. Not applicable.

9. Declared performance:

Essential characteristics		Performance				Harmonized technical specification
		Board thickness in mm				
		8 to 10	>10 to <18	18 to 25	>25 to 32	
Bending strength ¹ acc. EN 310	Major axis	22 Mpa	20 Mpa	18 Mpa	16 Mpa	EN 13986:2004+A1
	Minor axis	11 Mpa	10 Mpa	9 Mpa	8 Mpa	
Bending stiffness ¹ (Modulus of elasticity) acc. EN 310	Major axis	3500 Mpa	3500 Mpa	3500 Mpa	3500 Mpa	
	Minor axis	1400 Mpa	1400 Mpa	1400 Mpa	1400 Mpa	
Tensile strength (Internal bond) acc. EN 319		0.34 Mpa	0.32 Mpa	0.30 Mpa	0.29 Mpa	
Durability (Swelling in thickness / 24h immersion) acc. EN 317		15%	15%	15%	15%	
Durability (Internal bond after boil test) acc. EN 1087-1		0.15 Mpa	0.13 Mpa	0.12 Mpa	0.06 Mpa	
Punching shear as point load strength and point load stiffness		NPD				
Impact resistance		NPD				
Reaction to fire EN13986+A1:2015		Fara gol de aer in spatele OSB			D-s2, d0	
		Cu gol de aer inchis sau gol de aer deschis ≤ 22 mm in spatele OSB			D-s2, d2	
		Cu gol de aer inchis in spatele OSB, grosime > 15mm			D-s2, d0	
		Cu gol de aer deschis in spatele OSB, thickness > 18mm			D-s2, d0	
Formaldehyde content acc. EN 12460-5		≤ 2 mg/100g Class E1 (≤ 8 mg / 100 g oven dry board)				
Release of Formaldehyde acc. EN 717-1		≤ 0.03 ppm				
Release of pentachlorophenol (PCP)		PCP ≤ 5 ppm				
Water vapor permeability - μ (dry/wet)		200/100				
Air permeability at 50 Pa		max 0.45 [m ³ /h.m ²] - determined				
Airborne sound insulation		23 dB	25 dB	28 dB	30 dB	
Sound absorption (250 to 500 Hz/1000 to 2000 Hz)		0.10/0.25				
Thermal conductivity		0.13 W/(m*K)				

¹ The table values of strength are not characteristic values for use in the design of wood framed structures (e.g. according to EN 1995-1-1).

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified under point 4.

Signed for or on behalf of the manufacturer by:

Oana Bodea
General Director

Braşov, February 05, 2025