

DECLARATION OF PERFORMANCE No. P2-CPR-2013-07-01

1. Unique identification code of the product-type:

Particleboard PB P2

2. Intended use or uses of the construction product:

**For internal use as a non-structural component in dry conditions
 (P2 acc. EN 312 is non load-bearing board for use in dry conditions)**

3. Name and contact address of the manufacturer:

**KRONOSPAN CR, spol. s r. o.
 Na Hranici 6, CZ - 587 04 Jihlava
 Czech Republic**

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

System 3

5. Harmonised standard:

EN 13986: 2004 + A1:2015

The notified body:

**no. 1393
 Výzkumný a vývojový ústav dřevařský, Praha, s.p.
 (Timber Research and Development Institute, Prague)
 Na Florenci 7-9, 111 71 Praha 1, Czech Republic
 www.vvud.cz**

Notified body issued the Product Type Testing Protocol No. 1393-CPR-0003

6. Declared performance

Essential characteristics	Performance					Harmonised technical specification
	Boards thickness in mm					
	8 – 13	> 13 – 20	> 20 – 25	> 25 – 32	> 32 – 40	
Bending strength ¹ acc. EN 310	11 MPa	11 MPa	10,5 MPa	9,5 MPa	8,5 MPa	EN 13986:2004 + A1:2015
Bending stiffness ¹ (Modulus of elasticity) acc. EN 310	1800 MPa	1600 MPa	1500 MPa	1350 MPa	1200 MPa	
Reaction to fire acc. EN 13501-1 ²	Class D-s2,d0					
Water vapour permeability ³	NPD					
Release of formaldehyde acc. EN ISO 12460-5	Class E1 (≤ 8 mg/ 100g)					
Release (content) of	PCP ≤ 5 ppm					

pentachlorophenol (PCP)															EN 13986:2004 + A1:2015
Airborne sound insulation acc. EN 13986 ³	board th.[mm]	8	10	12	13	15	16	18	19	22	25	28	32	38	
	R [dB]	24	25	25	26	27	27	28	28	29	29	30	30	31	
Sound absorption acc. EN 13986, Tab.10 ³		$\alpha = 0,10$ (frequency range 250 Hz to 500 Hz) $\alpha = 0,25$ (frequency range 1000 Hz to 2000 Hz)													
Thermal conductivity (density) acc. EN 12664 ³		$\lambda = 0,13 \text{ W / m} \cdot \text{K}$													
Air permeability		NPD													
Durability	Board thickness [mm]	8 - 13	> 13 - 20	> 20 - 25	> 25 - 32	> 32 - 40									
	Internal bond acc. EN 319	0,40 MPa	0,35 MPa	0,30 MPa	0,25 MPa	0,20 MPa									
	Swelling in thickness	NPD													
	Moisture resistance	NPD													
	Biological durability acc. EN 335	Use class 1													

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

² Reaction to fire classification is valid for following end use: without substrate or mechanically fixed to substrate with reaction to fire class A1 or A2.

³ The information can also be found in the manufacturer's manual (brochure Kronobuild).

7. The performance of the product identified above is in conformity with the set of declared performances. 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:

Libor Kulha, head of production

At Jihlava on 09.03.2018



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