

DECLARATION OF PERFORMANCE No. P5-CPR-2013-07-01

1. Unique identification code of the product-type:

Particleboard PB P5

2. Identification of the construction product:

Kronospan BG; PB P5; 1393-CPR-0648

Identification code is printed on the each board and consists of production plant, product type, production date and time; and/or is printed on the label attached to the production boards packing.

3. Intended use or uses of the construction product:

**For internal use as a structural component in humid conditions
(PB P5 acc. EN 312 is load-bearing boards for use in humid conditions)**

4. Name and contact address of the manufacturer:

**KRONOSPAN BULGARIA EOOD
Severozapadna Promishlena Zona
8000 Burgas
Bulgaria
Business ID 102 063 228 J
www.kronospan.bg**

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

System 2+

6. The notified factory production control certification body:

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

The notified factory production control certification body- **Timber Research and Development Institute, Prague** - performed initial inspection of the manufacturing plant and of 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**

Notified body issued the certificate of conformity of the factory production control

No. 1393-CPR-0648

7. Declared performance

Essential characteristics	Performance				Harmonised technical specification
	Boards thickness in mm				
	> 10 – 13	> 13 – 20	> 20 - 25	> 25 - 32	
Bending strength ¹ acc. EN 310	18 MPa	16 MPa	14 MPa	12 MPa	EN 13986:2004
Bending stiffness ¹ (Modulus of elasticity) acc. EN 310	2550 MPa	2400 MPa	2150 MPa	1900 MPa	
Tensile strength (Internal bond) acc. EN 319	0,45 MPa	0,45 MPa	0,40 MPa	0,35 MPa	
Durability (Swelling in thickness – 24h immersion) acc. EN 317	11 %	10 %	10 %	10 %	
Durability (Moisture resistance – Internal boil after boil test) acc. EN 1087-1	0,15 MPa	0,14 MPa	0,12 MPa	0,11 MPa	
Release of content of formaldehyde acc. EN 120	Class E1 (≤ 8 mg/ 100g oven dry board)				
Reaction to fire acc. EN 13501-1	D-s2,d0				
Water vapour permeability	NPD (see details in the manufacturer's manual)				
Airborne sound insulation					
Sound absorption					
Thermal conductivity					
Strength and stiffness for structural use					
Mechanical durability	NPD				
Biological durability acc. EN 353	NPD				
Release (Content) of pentachlorophenol (PCP)	NPD				

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).

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Director:.....
 (R.Caha)

Director:.....
 (A.Nikov)

Burgas, 1.07.2013