Kronoply GmbH, Wittstocker Chaussee 1, 16909 Heiligengrabe, Germany

Declaration of Performance

KDE_OSB/3_CPR_2013_001_UK

In accordance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEC.

1. Unique identification code of the product-type:

   KRONOPLY OSB/3, 6 - 25 mm

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

   The day of production is written on the packing sheet

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

   For non load bearing, load bearing and stiffening applications in dry and humid conditions

4. Name, registered trade name or trade mark and contact address of the manufacturer as required under Article 11(5):

   Kronoply GmbH
   Wittstocker Chaussee 1
   16909 Heiligengrabe
   Germany
   Fon: +49(0)33962/69-740
   Mail: info@kronoply.de
   Web: www.kronoply.com

5. Where applicable name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

   NPD

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

   System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

   The HFB Engineering GmbH, Zschortauer Straße 42, 04129 Leipzig, Germany – notified body no. 1034 – performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity no. 1034-CPD-1291/1/2012 of the factory production control.

8. In case of the declaration of performance concerning a construction product covered by a European Technical Approval:

   Not applicable

9. Declared performance:

Essential characteristics	Performance			Harmonised technical specification
Thickness range	6 - 10 mm	> 10 - 18 mm	> 18 - 25 mm	EN 13986: 2004
Strength values *Stresses on board* Bending, major axis	18.0 N/mm²	16.4 N/mm²	14.8 N/mm²	
Bending, minor axis	9.0 N/mm²	8.2 N/mm²	7.4 N/mm²	
Compression, major axis	15.9 N/mm²	15.4 N/mm²	14.8 N/mm²	
Compression, minor axis	12.9 N/mm²	12.7 N/mm²	12.4 N/mm²	
Shear	1.0 N/mm²			
Plate loading Bending, major axis	9.9 N/mm²	9.4 N/mm²	9.0 N/mm²	
Bending, minor axis	7.2 N/mm²	7.0 N/mm²	6.8 N/mm²	
Compression, major axis	15.9 N/mm²	15.4 N/mm²	14.8 N/mm²	
Compression, minor axis	12.9 N/mm²	12.7 N/mm²	12.4 N/mm²	
Shear	6.8 N/mm²			
Stiffness values *Stresses on board* Modulus of elasticity, major axis	4930 N/mm²			
Modulus of elasticity, minor axis	1980 N/mm²			
Shear modulus	50 N/mm²			
Plate loading Modulus of elasticity, major axis	3800 N/mm²			
Modulus of elasticity, minor axis	3000 N/mm²			
Shear modulus	1080 N/mm²			
Thermal conductivity λ	0.13 W/mK			
Thickness swelling	≤ 15 %			
Bulk density	600 kg/m³			
Release of formaldehyde	E1 (100 % formaldehyde free binders)			
Reaction to fire	D-s2, d0			
Biological	Use class 1 + 2			
Water vapour permeability μ	200 (moist) / 300 (dry)			DIN 20000-1

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9. Declared performance (continued):

Essential characteristics	Performance	Harmonised technical specification
Performance characteristics required for wood-based panels for use in construction		EN 13986: 2004
Wood-based panels for internal use as structural components in humid conditions	Thickness 8 to 25 mm	EN 13986: 2004 tab. 4.2
Wood-based panels for internal use as structural floor and roof decking on joists and structural wall sheathing on studs	Floor decking on joists Thickness 12 mm with T/G	EN 13986: 2004 tab. 4.7
	Roof decking on joists Thickness 12; 15; 18 mm with and without T/G	
	Wall sheathing on studs Thickness 12 mm without T/G	

10. The performance of the product identified in points 1 and 2 is in conformity with the performance in point 9. 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:

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(Hendrik Hecht, Manager)

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(Uwe Jöst, Manager Kronoply GmbH)

Heiligengrabe, 26.06.2013
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(place and date of issue)