

DECLARATION OF PERFORMANCE
No. OSB4-CPR-2013-07-01

1. Unique identification code of the product-type:

OSB 4 ECO

2. Identification of the construction product:

Bolderaja OSB; OSB 4 ECO; 0765-CPD-779

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
 (OSB/4 acc. EN 300 is load-bearing boards for use in humid conditions)**

4. Name and contact address of the manufacturer:

**SIA “Bolderaja Ltd”
 Guberņciems 7
 LV-1016, Riga
 Latvia
 Business ID 40 003 774 690
 www.bolderaja.lv**

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

System 2+

6. The notified factory production control certification body:

**Fraunhofer-Institute for Wood Research
 Wilhelm-Klauditz-Institute WKI
 Bienroder Weg 54 E,
 38108 Braunschweig
 Germany
 Notified body no. 0765**

The notified factory production control certification body- **Wilhelm-Klauditz-Institute WKI, Germany** - 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. 0765-CPD-779

**Declaration of performance acc. Regulation EU No. 305/2011 (CPR)
No. OSB4-CPR-2013-07-01 - OSB 4 ECO**

7. Declared performance

Essential characteristics		Performance				Harmonised technical specification
		Boards thickness in mm				
		8 – 10 mm	> 10 – 18	> 18 - 25	> 25 - 30	
Bending strength acc. EN 310	Major axis	30 MPa	28 MPa	26 MPa	24 MPa	EN 13986:2004
	Minor axis	16 MPa	15 MPa	14 MPa	13 MPa	
Bending stiffness (Modulus of elasticity) acc. EN 310	Major axis	4800 MPa	4800 MPa	4800 MPa	4800 MPa	
	Minor axis	1900 MPa	1900 MPa	1900 MPa	1900 MPa	
Tensile strength (Internal bond) acc. EN 319		0,50 MPa	0,45 MPa	0,40 MPa	0,35 MPa	
Durability (Swelling in thickness – 24h immersion) acc. EN 317		12 %	12 %	12 %	12 %	
Durability (Moisture resistance – Internal boil after boil test) acc. EN 1087-1		0,17 MPa	0,15 MPa	0,13 MPa	0,06 MPa	
Release of content of formaldehyde acc. EN 120		Class E1 (≤ 8 mg/ 100g oven dry board)				
Release of content of formaldehyde acc. EN 717-1		≤ 0,03 ppm				
Reaction to fire acc. EN 13501-1		D-s1,d0				
Water vapour permeability		NPD				
Airborne sound insulation		NPD				
Sound absorption		NPD				
Thermal conductivity		NPD				
Strength and stiffness for structural use		NPD				
Mechanical durability		NPD				
Biological durability acc. EN 353		NPD				
Release (Content) of pentachlorophenol (PCP)		NPD				

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:

.....  Janina Mitrofanova
Member of the Board

.....  Ivars Plaudis
Technical Director

Riga, 01.07.2013