

DECLARATION OF PERFORMANCE

No. ODEK "B" CPR 2020-10-01

1. Unique identification code of the product-type:

ODEK "B" EN 636-3 S

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

ODEK "B" EN 636-3 S, 9 - 40mm

***Birch plywood* – birch veneers throughout the panels, glued with phenol-formaldehyde resins; high water resistance.**

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

Wood-based panels for internal use as structural components in humid conditions and external use as structural components

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

**"ODEK" Ukraine LLC
9, Zavodska Street, Settlement Orzhiv, 35313 Rivne region, Ukraine,
tel.:+380 362 693 608, fax:+380 362 693 610, e-mail:**

sales@odek.eu

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

System 2+

6. In case of the declaration of performance concerning a construction product covered by a harmonized standard. **Notified factory production control certification body Institute SKH No. 0502 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 of the factory production control.**

EN 13986:2004 +A1:2015.

7. Declared performance

Essential characteristics	Performance		Harmonised technical specification
Strength and stiffness for structural use (bending)* - lengthwise, thickness: 9 mm 12mm 15mm 18mm 21mm 24mm 27mm 30mm 35mm 40mm - crosswise, thickness: 9 mm 12mm 15mm 18mm 21mm 24mm 27mm 30mm 35mm 40mm	strength f_m	stiffness E_m	EN 13986:2004 +A1:2015
	53.1 N/mm ²	11596 N/mm ²	
	47.0 N/mm ²	10960 N/mm ²	
	43.0 N/mm ²	10594 N/mm ²	
	40.4 N/mm ²	10359 N/mm ²	
	38.4 N/mm ²	10195 N/mm ²	
	36.9 N/mm ²	10074 N/mm ²	
	35.7 N/mm ²	9982 N/mm ²	
	34.8 N/mm ²	9910 N/mm ²	
	33.3 N/mm ²	9802 N/mm ²	
	32.3 N/mm ²	9726 N/mm ²	
	32.9 N/mm ²	7003 N/mm ²	
	31.9 N/mm ²	7639 N/mm ²	
	31.1 N/mm ²	8004 N/mm ²	
	30.4 N/mm ²	8239 N/mm ²	
	29.9 N/mm ²	8403 N/mm ²	
	29.4 N/mm ²	8524 N/mm ²	
	29.1 N/mm ²	8616 N/mm ²	
	28.8 N/mm ²	8689 N/mm ²	
	28.3 N/mm ²	8796 N/mm ²	
28.0 N/mm ²	8872 N/mm ²		
Bonding quality (moisture resistance)	EN 314-2, class 3		
Release of formaldehyde	E1		
Reaction to fire: thickness 9 - 40mm	class D-s2,d0		
Water vapour permeability μ	NPD		
Airborne sound insulation	NPD		
Thermal conductivity λ	NPD		
Mechanical durability	NPD		
Biological durability	NPD		
Release (content) of pentachlorophenol (PCP)	NPD		

* Determined according to EN 14272, EN 789 at independent and accredited laboratory "SHR", The Netherlands

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:

Anatoliy Tyshchuk – deputy general manager on quality and certification

(name and function)

Orzhiv, 01-10-2020

(place and date of issue)



(signature)