

DECLARATION OF PERFORMANCE

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

1. Unique identification code of the product-type:

ODEK "A" EN 636-3 S

2. Intended use/es:

wood-based panels for use as structural components in external applications in construction

3. Manufacturer:

"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

4. System of AVCP: **System 2+**

5. Harmonized standard: **EN 13986:2004 +A1:2015.**

Notified body: **SKH 0502**

6. Declared performances:

Essential characteristics	Performance		Harmonised technical specification
Strength and stiffness for structural use (bending)*	strength f_m	stiffness E_m	EN 13986:2004 +A1:2015
- lengthwise, thickness:			
9 mm	44.9 N/mm ²	9679 N/mm ²	
12mm	39.7 N/mm ²	9148 N/mm ²	
15mm	36.3 N/mm ²	8843 N/mm ²	
18mm	34.1 N/mm ²	8646 N/mm ²	
21mm	32.4 N/mm ²	8510 N/mm ²	
24mm	31.2 N/mm ²	8409 N/mm ²	
27mm	30.2 N/mm ²	8332 N/mm ²	
30mm	29.4 N/mm ²	8271 N/mm ²	
35mm	28.1 N/mm ²	8182 N/mm ²	
40mm	27.3 N/mm ²	8118 N/mm ²	
- crosswise, thickness:			
9 mm	22.5 N/mm ²	4409 N/mm ²	
12mm	21.8 N/mm ²	4809 N/mm ²	
15mm	21.2 N/mm ²	5039 N/mm ²	
18mm	20.7 N/mm ²	5188 N/mm ²	
21mm	20.4 N/mm ²	5291 N/mm ²	
24mm	20.1 N/mm ²	5367 N/mm ²	
27mm	19.8 N/mm ²	5425 N/mm ²	
30mm	19.6 N/mm ²	5471 N/mm ²	
35mm	19.3 N/mm ²	5538 N/mm ²	
40mm	19.2 N/mm ²	5586 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

7. The performance of the product identified above is in conformity with the set declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) №305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Anatoliy Tyshchuk – deputy general manager quality and certification

At Orzhiv, on 10-06-2021
(place and date of issue)

