



## DECLARATION OF PERFORMANCE

No. 2/2014

1. Product-type:

**Plywood for use as non-structural components in interior and exterior conditions,  
technical classes EN 636-1 G; -2 G; -3 G, from hard- and soft-wood, thickness from 4 mm to 30 mm**

2. Identification of product:

**Interior plywood and exterior plywood**

3. Intended use or uses of the construction product:

**Interior plywood can be used in construction as non-structural components in interior and humid conditions**

**Exterior plywood can be used in construction as non-structural components in exterior conditions**

4. Name and address of the manufacturer:

**SKLEJKA – EKO S.A.**

**str. Reymonta 35**

**63-400 Ostrów Wielkopolski**

**POLAND**

5. Name and contact address of the authorised representative:

**Not applicable**

6. System of assessment and verification of constancy of performance of the construction product (AVCP):

**System 4**

7. Notified Body's task(s), if applicable:

**Not applicable**

performed:

**Not applicable**

under system:

**System 4**

and issued:

**Factory Production Control and Internal tests reports**

## 8. Declared performance

Essential characteristics	Performance	Harmonized technical specification		
Density	550 ÷ 750 kg/m <sup>3</sup>	EN 13986:2006 Wood based panels for use in construction Characteristics, evaluation of conformity and marking  EN 636:2005 Plywood - Specifications		
Humidity	5 ÷ 12 %			
Bending strength along / across fibers	50 ÷ 100 MPa / 30 ÷ 70 MPa			
Modulus of elasticity along / across fibers	5000 ÷ 11000 MPa / 3500 ÷ 8000 MPa			
Release of formaldehyde	Class E1 CARB ≤ 0,5 mg/m <sup>2</sup> h			
Reaction to fire	D-s2,d0 (EN 13986 Tab. 8 for density ≥ 400 kg/m <sup>3</sup> and thickness ≥ 9 mm)			
Water vapour permeability	Interpolated from EN 13986 tab 9 for density 600 kg/m <sup>3</sup>			
	wet cup		80	dry cup
Airborne sound insulation	Calculated per EN13986 section 5.10 using the formula (t = thickness in mm) $R=13 \times \lg (0,600 \times t)+14$			
Sound absorption coefficient	EN 13986 tab. 10			
	250 – 500 Hz: 0,10		1000 – 2000 Hz: 0,30	
Thermal conductivity	Interpolated from EN 13986 tab 11 for density 600 kg/m <sup>3</sup> $\lambda=0,15 \text{ W}/(\text{m}\cdot\text{K})$			
Biological durability	Hazard class 1; 2; 3*			
Content of pentachlorophenol (PCP)	EN 13986 section 5.18	< 5 ppm		

\* The conditions of Service Class 3 may correspond to the biological Hazard Class 3 to EN 335, for which this product cannot be used without further treatment and/or appropriate design.

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

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:

**Błażej Kidoń / spec. Technologist**

(name and function)

**17.09.2014 Ostrów Wielkopolski**

(place and date of issue)

Specjalista  
technolog  
*Błażej Kidoń*  
Błażej Kidoń

(signature)