



DECLARATION OF PERFORMANCE

No. 2/2020

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 40 mm

2. Identification of product:

Interior plywood and exterior plywood

3. Intended use or uses of the construction product:

Plywood can be used in construction as non-structural components as:

- Plywood for use in dry conditions (urea formaldehyde resin)
- Plywood for use in humid conditions (melamine formaldehyde resin)
- Plywood for use in exterior conditions (phenol formaldehyde resin)

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 authorized 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:

Not applicable

8. Declared performance

Essential characteristics	Performance				Harmonized technical specification
Density	500 ÷ 750 kg/m ³				EN 13986+A1:2015 Wood based panels for use in construction Characteristics, evaluation of conformity and marking PN-EN 636:2012+A1:2015 Plywood - Specifications
Humidity	5 ÷ 12 %				
Bending strength along / across fibres	F 25/20				
Modulus of elasticity along / across fibres	E 50/40				
Compressive strength	not tested				
Tensile strength	not tested				
Release of formaldehyde (interior plywood and exterior plywood)	Class E1 ULEF				
Release of formaldehyde (melamine plywood)	Class E1				
 Reaction to fire	PN-EN 13986+A1 tab. 8				
	D-s2,d0	without an air gap behind the wood- based panel	Density [kg/m ³]	Thickness [mm]	
			≥600	≥9	
			≥400	≥9 ≥12	
	D-s2,d2	with a closed or an open air gap not more than 22 mm behind the wood-based panel	≥450	≥15	
			≥600	≥9	
	D-s2,d0 D-s2,d1 D-s2,d0	with a closed air gap behind the wood-based panel	≥400	≥9 ≥12	
			≥600	≥15	
	D-s2,d0	with an open air gap behind the wood-based panel	≥400	≥15	
			≥400	≥18	
E	any	≥400	≥3		
Water vapour permeability	Interpolated from EN 13986+A1 tab 9 for density 600 kg/m ³				
	μ wet cup	80	μ dry cup	210	

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Airborne sound insulation	Calculated per EN13986+A1 section 5.10 using the formula (t = thickness in mm) $R=13 \times \lg(0,600 \times t)+14$	
Sound absorption coefficient	EN 13986+A1 tab. 10	
	250 – 500 Hz: 0,10	1000 – 2000 Hz: 0,30
Thermal conductivity	Interpolated from EN 13986+A1 tab 11 for density 600 kg/m ³ $\lambda=0,15 \text{ W}/(\text{m}\cdot\text{K})$	
Biological durability	Internal conditions, humid conditions (under shelter)	
Content of pentachlorophenol (PCP)	EN 13986+A1 section 5.18	< 5 ppm

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:

KIEROWNIK
 Działu Technologicznego
 i Kontroli Jakości
Błażej Kidoń

(name and function)

01.08.2020 Ostrów Wielkopolski

(place and date of issue)

PREZES ZARZĄDU
 DYREKTOR OPERACYJNY
Jacek Kaszyński

(signature)