SKLEJKA - EKO S.A.

DECLARATION OF PERFORMANCE

No. 3/2023

1. Product-type:

Plywood for use as structural components in humid conditions (walls, roofs), technical class EN 636-2 S, from hardwood, thickness ≥12 mm

2. Identification of product:

EKO FIRE BIRCH, B-s1,d0

3. Intended use or uses of the construction product:

Mechanically fixed on timber or metal substructure, mounted with ventilated or unventilated air gap, with horizontal and/or vertical joints.

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 1

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

Material Testing Office of the country Brandenburg,

Department Wood and Wood-protection Eberswalde; Alfred – Möller – Strasse 1, 16225 Eberswalde

0763-CPR-6026

performed:

the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control and issued Certificate of Factory Production Control and Test Report

8. Declared performance

<table>
<tr><th>Essential characteristics</th><th colspan="4">Performance</th><th>Harmonized technical specification</th></tr>
<tr><td>Density</td><td colspan="4">660 ÷ 740 kg/m^3</td><td rowspan="13">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</td></tr>
<tr><td>Thickness</td><td colspan="4">≥12 mm</td></tr>
<tr><td>Humidity</td><td colspan="4">5 ÷ 12 %</td></tr>
<tr><td>Bonding quality</td><td colspan="4">Class 3</td></tr>
<tr><td>Bending strength
along / across fibers</td><td colspan="4">F 25/20
38/30 N/mm^2</td></tr>
<tr><td>Modulus of elasticity
along / across fibers</td><td colspan="4">E 60/40
5400/3600 N/mm^2</td></tr>
<tr><td>Compressive strenght</td><td colspan="4">not tested</td></tr>
<tr><td>Tensile strenght</td><td colspan="4">not tested</td></tr>
<tr><td>Release of formaldehyde</td><td colspan="4">E1</td></tr>
<tr><td rowspan="3">Reaction to fire</td><td colspan="4">PN-EN 13986+A1 tab. 8</td></tr>
<tr><td>End use condition</td><td>Density [kg/m^3]</td><td>Thickness [mm]</td><td>Class</td></tr>
<tr><td>Mechanically fixed on timber or metal substructure, mounted with a ventilated or unventilated air gap, with horizontal and/ or vertical joints</td><td>660÷740</td><td>≥12</td><td>B-s1, d0</td></tr>
<tr><td rowspan="2">Water vapour permeability</td><td colspan="4">Interpolated from EN 13986+A1 tab 9
for density 700kg/m^3</td></tr>
<tr><td>μ wet cup</td><td>90</td><td>μ dry cup</td><td>220</td></tr>
<tr><td>Airborne sound insulation</td><td colspan="4">Calculated per EN13986+A1 section 5.10 using the formula
(t = thickness in mm)
R=13 x lg (0,700 x 12)+14</td></tr>
<tr><td rowspan="2">Sound absorption coefficient</td><td colspan="4">EN 13986+A1 tab. 10</td></tr>
<tr><td colspan="2">250 – 500 Hz: 0,10</td><td colspan="2">1000 – 2000 Hz: 0,30</td></tr>
</table>

Thermal conductivity	Interpolated from EN 13986+A1 tab 11 for density 700 kg/m^3 λ=0,17 W/(m·K)		
Biological durability	Internal conditions, humid conditions (under shelter), class 2		
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:

TECHNOLOG
Wota
Natalia Wota

SKLEJKA - EKO S.A.
ul. Reymonta 35 (3a)
63-400 Ostrow Wlkp
Regon 250005943
NIP [illegible]

.....
(name and function)

PREZES ZARZĄDU
DYREKTOR OPERACYJNY
Jacek Kaszyński

03.01.2023 Ostrów Wielkopolski

.....
(place and date of issue)

.....
(signature)