



Declaration of Performance DOP NO. 1-17-CE2+

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1. Unique identification code of the product-type:

PINE PLYWOOD EN 636-2 S

Grades:

A/C, B/C, CPC, C+/C CE2+ and C/C CE2+.

Product types:

18mm 7ply

18mm 9ply

Panel layups:

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Veneer thicknesses:

2.7 - 2.7 - 2.7 - 2.7 - 2.7 - 2.7 - 2.7

2.2 - 2.2 - 2.2 - 2.2 - 2.2 - 2.2 - 2.2 - 2.2 - 2.2

2. Intended uses:

Structural components in dry and humid conditions

3. Manufacturer:

MIRALUZ Indústria e Comércio de Madeiras Ltda.

Rua Prefeito Dr. Domingos Cunha, 701

Sengés, PR 84220-000 BRAZIL

Tel. +55-43 3567-8800

www.miraluz.com.br

4. Contact Details:

Mr. Rafael Bobato, Industrial Director

e-mail: rafael@miraluz.com.br

Mobile: +55-43 9915-0407

5. Harmonised standard:

EN 13986:2004+A1:2015

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

System 2+

Notified Body:

1034 - HFB Engineering GMBH of Leipzig, Germany.

Certificate:

1034-CPR-2295/1/2017 dated 02th March 2017.

Panel marking example:

CE 1034 MIRALUZ 16 DOP NO 1-16-CE2+ EN 13986:2004+A1:2015 BOND CLASS 3 E1
PINE PLYWOOD EN 636-2 S 18 MM 7 PLY STRUCTURAL COMPONENTS



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7. Declared performance:

a. General

Essential characteristics	Declared performance	Technical Specification
Bond quality	Class 3 (phenolic)	EN 314-1/2
Biological durability	Class 2	EN 335 / EN 1099
Mean density ρ	520 kg/m ³	EN 323
Release of formaldehyde	E1	EN 13986 Annex B Note 2
Reaction to fire	D-s2, d0 (Flooring - DFL-s1)	EN 13986 Table 8
Water vapour permeability μ	Wet cup - 70 / Dry cup - 200	EN 13986 Table 9
Sound absorption coefficient	0,10 / 0,30	EN 13986 Table 10
Thermal conductivity λ	0,13 W/(m.K)	EN 13986 Table 11
Content of pentachlorophenol	< 5 ppm	EN 13986 Part 5.18

b. For use as STRUCTURAL COMPONENTS in dry and humid conditions

Essential characteristics	Declared performance	Technical Specification	
Characteristic values (L5%)	See below per Type	EN 12369-2	
Product types	18mm 7ply	18mm 9ply	
Strength (N/mm ²)	Parallel	20,0	15,0
	Perpen. _ _	10,0	10,0
Stiffness (N/mm ²)	Parallel	4.000	3.500
	Perpen. _ _	1.500	2.000
EN 636 Bending Classes	F 20/10 E 40/15	F 15/10 E 35/20	

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

Signed for and on behalf of the manufacturer by:

Mr. Rafael Bobato, Industrial Director
In Sengés, PR on 30th March 2017.