

Declaration of Performance

Number DOP.MLL.01.EN

1. Name and ID code

Laudio Deco / Laudio Pine

Pine plywood glued PF for exterior application.

2. Intended use

- For internal use as a structural component in dry conditions, EN 636-1.
- For protected external use as a structural component in humid conditions, EN 636-2.

3. Name and address of manufacturer

Company name:
GRUPO GARNICA PLYWOOD, S.A.U.
Parque San Miguel, 10 bajos
Logroño, La Rioja (Spain)

Manufacturing site:
MADERAS DE LLODIO, S.A.U.
Polígono Ind. Santa Cruz s/n
01400 Llodio, Álava (Spain)

5. Assessment and verification of constancy of performance system

System 2+

6. Notified body

- Notified body: AENOR (No. 0099)
- Certificate of compliance control factory production: 0099/CPR/A65/0005

7. Declared performance

Essential characteristics			Performance						
Thickness			9mm	12mm	15mm	18mm	21mm	24mm	30mm
Nº Plies			4 – 3*	5	7 – 5*	8 – 7*	9 – 7*	10 – 9*	13 – 11*
Pine II, II/III, III	R (N/mm ²)	∥	26.8	22.2	22.9	22.6	17.7	20	19.8
		⊥	11.7	10.1	11.8	18.9	13.9	18.2	17.1
	MOE (N/mm ²)	∥	8819	7881	7827	8331	6110	6699	6504
		⊥	3444	2316	3609	5885	4414	5204	5050
Pine IV*	R (N/mm ²)	∥	34.1	22.2	29.1	24.8	22.7	17.7	22.6
		⊥	2.9	10.1	10.4	14.1	16.1	17.5	14.8
	MOE (N/mm ²)	∥	10786	7881	9288	8005	7356	6299	7325
		⊥	734	2316	2259	3547	4197	5343	4228

Essential characteristics	Performance	
Glueing quality	Class 3	
Biological durability	Use Class 2	
Release of formaldehyde	E1	
Reaction to fire	D s2, d0, D _{FL-s1}	
Water vapour permeability	Wet cup	Dry cup
	70μ	200μ
Sound absorption	Frequency range 250Hz to 500Hz	Frequency range 1000Hz to 2000Hz
	0.1	0.3
Thermal conductivity λ	0.13 W/(m•k)	
Mechanical durability	K mod y K def according to EN 1995-1-1	
Content of pentachlorophenol (PCP)	≤ 5 ppm	

* Values only apply to the plywood Laudio PINE IV.

Characteristic values obtained according to EN 1058 procedures, from test results as per EN 789.

In compliance with EN 13986:2004+A1:2015

The performance of the product identified in point 1 is in conformity with the declared performance in point 7.

This declaration of performance is issued, according to Rule (UE) nº 305/2011, under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer:



Logroño, 15th April 2024

Bruno Martínez, COO (Chief Operating Officer)