

Declaration of Performance

Number DOP.MLL.02.EN

1. Name and ID code

Laudio Form / Laudio Top Form / Laudio Wire / Laudio Wire Xtra

Pine plywood, PF exterior glue with phenolic paper on the faces and the edges sealed with damp-proof paint.

2. Intended use

- LAUDIO FORM: For exterior use as a structural component, according to EN 636-3
Biological durability class: 3.2 according to UNE EN 335
- LAUDIO WIRE: For protected external use as structural component in humid conditions, according to EN 636-2
Biological durability class: 3.1 according to UNE EN 335

To achieve a classification for exterior use (EN 636-3) and durability 3.2 (according to EN 335), there is a requirement to ensure edges are protected and any point of entry where moisture can penetrate the panel

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
N° Plies			4	5	7	8	9	10	13
Form, Wire	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
Glueing quality			Class 3						
Biological durability			Use Class 3						
Release of formaldehyde			E1						
Reaction to fire			NPD						
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						

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

Other performance declared:

LAUDIO FORM: Both faces with phenolic paper and a smooth finish grading.

- FORM: 170gr/m² phenolic film on both faces.
- TOP FORM: Toughened 440gr/m² phenolic film on the face and 170 gr/m² on the reverse side.

LAUDIO WIRE: One face is anti-slip and the other smooth.

- WIRE: 170gr/m² phenolic film on both faces.
- XIRE XTRA: High-strength 240gr/m² phenolic film on the face and 120 gr/m² on the reverse side.

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, 2nd May 2022

Bruno Martínez, Industrial Manager