

Declaration of Performance

Number DOP.GAR.31.EN

1 and 2. Name - identification code of the product-type

Tradition Twin Okoume / Elegance / Performance Ewood

Poplar plywood panel with faces of other species

3. Intended use of the construction product

- a) Bond quality class 1: for interior use as a structural component in dry conditions according to EN 636-1.
- b) Bond quality class 2: intended use as in a) and in protected applications under cover, not exposed to the weather, as a structural component in humid conditions according to EN 636-2.
- c) Bond quality class 3: intended use as in a) and b), and also for exterior use above ground and exposed to the weather as a structural component, always subject to surface coating and edge protection according to EN 636-3.

(Check bond quality on invoices & product label)

4. Name and contact address of the manufacturer:

Company name:

GRUPO GARNICA PLYWOOD, S.A.

Parque San Miguel, 10 bajos

Logroño (La Rioja) SPAIN

Manufacturing site:

GARNICA PLYWOOD FUENMAYOR, S.L.U.

Ctra. Navarrete, 20

26360 FUENMAYOR (La Rioja) SPAIN

GARNICA PLYWOOD VALENCIA DE DON JUAN,
S.L.

Ctra. Villafer, km. 2

24200 VALENCIA DE DON JUAN (León) SPAIN

GARNICA PLYWOOD BAÑOS DE RIO TOBIA,
S.A.U. (I)

Camino de Berceo, s/n

26320 BAÑOS DE RÍO TOBÍA (La Rioja) SPAIN

GARNICA PLYWOOD BAÑOS DE RIO TOBIA,
S.A.U. (II)

Ctra. De Lerma, km. 376

26320 BAÑOS DE RÍO TOBÍA (La Rioja) SPAIN

6. System of assessment of constancy of performance

AVCP system 2+

7. Certification body details:

- Certification body: AENOR CONFIA S.A.U. (No. 0099)
- Certificates of constancy of performance:

GARNICA PLYWOOD FUENMAYOR, S.L.U.	0099/CPR/A65/0050
GARNICA PLYWOOD VALENCIA DE DON JUAN, S.L.	0099/CPR/A65/0048
GARNICA PLYWOOD BAÑOS DE RIO TOBIA, S.A.U. (I)	0099/CPR/A65/0047
GARNICA PLYWOOD BAÑOS DE RIO TOBIA, S.A.U. (II)	0099/CPR/A65/0046

9. Declared Performance:

Characteristic values				Prestaciones			Technical specification
Thickness				6-10 mm	11-20 mm	21-50 mm	
Nº of layers				5	7-11	9-15	
Resistant properties EN 326-2	Flexion		Average $f_m \parallel$ (N/mm²)	39,1	32,9	31,5	
			$f_m \parallel^{y_{05}}$ (N/mm²)	14,1	23,6	22,9	
			Average $f_m \perp$ (N/mm²)	45,1	42,1	37,8	
			$f_m \perp^{y_{05}}$ (N/mm²)	27,6	26,8	27,0	
Modulus of Elasticity properties EN 326-2	Flexion		Average $E_m \parallel$ (N/mm²)	4007	3745	3926,2	
			$E_m \parallel^{y_{05}}$ (N/mm²)	1892	2666	2993,4	
			Average $E_m \perp$ (N/mm²)	4552	4853	4780,8	
			$E_m \perp^{y_{05}}$ (N/mm²)	2839	3570	3795,5	
Resistant properties EN 12369-2	Flexion		$f_{m,05} \parallel$	F5	F15	F10	
			$f_{m,05} \perp$	F15	F15	F15	
	Traction		$f_{t,05} \parallel$	2,0	6,0	4,0	
			$f_{t,05} \perp$	7,5	7,5	7,5	
	Compression		$f_{c,05} \parallel$	2,0	6,0	4,0	
			$f_{c,05} \perp$	7,5	7,5	7,5	
	Panel	shear	f_v	3,5	2,7	2,7	
	Planar		f_r	0,6	0,5	0,5	
Modulus of Elasticity properties EN 12369-2	Flexion		$E_{m,50} \parallel$	E20	E25	E30	
			$E_{m,50} \perp$	E30	E35	E40	
	Traction		$E_{t,50} \parallel$	1000	1250	1500	
			$E_{t,50} \perp$	2400	2800	3200	
	Compression		$E_{c,50} \parallel$	1000	1250	1500	
			$E_{c,50} \perp$	2400	2800	3200	
	Panel	shear	G_v	310	270	270	
	Planar		G_r	16	11	11	
Bond quality (for intended uses)				Class 1			
				Class 2			
				Class 3			
Density kg/m³ (average)				473	462	446	
Withdrawal of screws N (average face)							
Formaldehyde release*				E1 (≤3,5 mg/h·m²)			
Pentachlorophenol content				< 5 ppm			
Reaction to fire (According to table 8 EN 13986)				≥9mm D s2,d0 / D FL, S1 <9mm NPD			
Water vapour permeability (According to table 9 EN 13986)				Wet: 60 μ Dry: 175 μ			
Sound absorption (According to table 10 EN 13986)				Frequency range: 250 Hz to 500 Hz: 0.10 Frequency range: 1000 Hz to 2000 Hz: 0.30			
Thermal conductivity (λ)				0.11 W/(m·K)			

EN 13986:2006+A1:2015

(According to table 11 EN 13986)		
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Characteristic values obtained according to the procedure of the EN 326-2 standard, from test results according to EN 310

In compliance with EN 13986:2004+A1:2015

Other information available in website (Best practices, Safety Data Sheet, etc.): www.garnica.one/en

10. The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 9.

Other performance declared:

*Products identified as E05 comply with reduced formaldehyde emissions of ≤ 0.05 ppm (≤ 0.062 mg/m³) as measured in accordance with European Standard UNE-EN 717-1:2006, in accordance with EU Regulation 2023/1464 and meet the requirements of Class E1 (in accordance with EN 13986:2014).

This declaration of performance is issued, according to Rule (UE) nº 305/2011, under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer:

A blue ink signature is written over a rectangular stamp. The stamp contains the word 'garnica' in a stylized font, followed by 'GRUPO GARNICA REDWOOD, S.A.' and 'Parque San Miguel, 10-12000 Logroño, La Rioja'.

Logroño, 1st May 2026
Bruno Martínez, COO (Chief Operating Officer)