

## Declaration of Performance

Number DOP.GAR.31.EN

1. Name - identification code of the product-type

### **Tradition Twin / Elegance**

*Plywood panels.*

2. Intended use of the construction product

- a) Bond quality class 1: For internal use as a structural component in dry conditions EN 636-1
- b) Bond quality class 2: For use, see a) and for protected external use as a structural component in humid conditions EN 636-2
- c) Bond quality class 3: For use, see a) and b) and also for external use as a structural component. Only weather-proof if correctly coated & edge-sealed EN 636-3.

*(Check bond quality on invoices & product label)*

3. 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

5. System of assessment of constancy of performance  
AVCP system 2+

6. Certification body details:

- Certification body: AENOR (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

## 7. Declared Performance:

Characteristic values			Performance			Technical specification
Thickness			6 – 10mm	11 – 20mm	21 – 50mm	
Nº of layers			3-5	5-11	11-25	
Resistant properties	Bending	$f_m \parallel$ (N/mm <sup>2</sup> )	18,6	16,9	12,4	EN 13986:2006+A1:2015
		$f_m \perp$ (N/mm <sup>2</sup> )	15,9	19,0	18,9	EN 13986:2006+A1:2015
	Compression	$f_c \parallel$ (N/mm <sup>2</sup> )	12,1	11,3	9,9	EN 13986:2006+A1:2015
		$f_c \perp$ (N/mm <sup>2</sup> )	13,9	13,8	14,0	EN 13986:2006+A1:2015
	Traction	$f_t \parallel$ (N/mm <sup>2</sup> )	5,6	5,2	4,5	EN 13986:2006+A1:2015
		$f_t \perp$ (N/mm <sup>2</sup> )	6,4	6,3	6,4	EN 13986:2006+A1:2015
	Panel shear	$f_v$ (N/mm <sup>2</sup> )	4,1	4,1	4,1	EN 13986:2006+A1:2015
Planar shear	$f_r$ (N/mm <sup>2</sup> )	0,7	0,7	0,7	EN 13986:2006+A1:2015	
Modulus of Elasticity properties	Bending	$E_m \parallel$ (N/mm <sup>2</sup> )	3670	3489	2763	EN 13986:2006+A1:2015
		$E_m \perp$ (N/mm <sup>2</sup> )	2869	3452	3011	EN 13986:2006+A1:2015
	Compression	$E_c \parallel$ (N/mm <sup>2</sup> )	3206	3011	2617	EN 13986:2006+A1:2015
		$E_c \perp$ (N/mm <sup>2</sup> )	3701	3658	3712	EN 13986:2006+A1:2015
	Traction	$E_t \parallel$ (N/mm <sup>2</sup> )	3206	3011	2617	EN 13986:2006+A1:2015
		$E_t \perp$ (N/mm <sup>2</sup> )	3701	3658	3712	EN 13986:2006+A1:2015
	Panel shear	$G_v$ (N/mm <sup>2</sup> )	349	349	349	EN 13986:2006+A1:2015
Planar shear	$G_r$ (N/mm <sup>2</sup> )	16	16	16	EN 13986:2006+A1:2015	
Bonding quality (for intended uses)			Class 1			EN 13986:2006+A1:2015
			Class 2			
			Class 3			
Formaldehyde release			E1 ( $\leq 3,5$ mg/h·m <sup>2</sup> )			EN 13986:2006+A1:2015
Reaction to fire (according to table 8 EN13986)			$\geq 9$ mm D s2,d0 / D FL, S1 $< 9$ mm NPD			EN 13986:2006+A1:2015
Pentachlorophenol content			$< 5$ ppm			EN 13986:2006+A1:2015
Water vapour permeability			Wet: 60 $\mu$ Dry: 175 $\mu$			EN 13986:2006+A1:2015 (Table 9)
Sound absorption			Frequency range: 250 Hz to 500 Hz: 0.10 Frequency range: 1000 Hz to 2000 Hz: 0.30			EN 13986:2006+A1:2015 (Table 10)
Thermal conductivity ( $\lambda$ )			0.11 W/(m·K)			EN 13986:2006+A1:2015 (Table 11)

Characteristic values obtained according to EN 326-2 procedures, from test results as per EN 310.

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, 15<sup>th</sup> April 2024

Bruno Martínez, COO (Chief Operating Officer)