

Declaration of Performance

Number: DOP.GAR.40.EN

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

Reinforced Globulus Birch LG

Poplar and eucalyptus core plywood with birch decorative faces

3. Name and contact address of the manufacturer:

- 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 bonding quality on invoices & product label to specify intended use)

4. Name and contact address of the manufacturer:

Company name and contact details:

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			Performance			Technical specification
Thickness			12mm	15mm	18mm	
Nº of layers			7	9	11	
Resistant properties EN 789	Flexion	Average $f_m \parallel$ (N/mm²)	41,1	46,5	52,6	EN 13986:2004+A1:2015
		γ_{05} $f_m \parallel$ (N/mm²)	34,5	34,9	36,6	
		Average $f_m \perp$ (N/mm²)	36,2	38,8	29,1	
		γ_{05} $f_m \perp$ (N/mm²)	22,5	26,2	23,5	
Modulus of Elasticity properties EN 789	Flexion	Average $E_m \parallel$ (N/mm²)	6538	7676	9227	
		γ_{05} $E_m \parallel$ (N/mm²)	5789	6468	7293	
		Average $E_m \perp$ (N/mm²)	6829	6774	5610	
		γ_{05} $E_m \perp$ (N/mm²)	5233	5264	4422	
Bond quality (for intended uses, according to labeling)			Clase 1			EN 13986:2004+A1:2015
			Clase 2			
			Clase 3			
Density kg/m³ (average)			580	610	615	
Screw withdrawal N (average face)			1671	2040	2000	
Formaldehyde release			E1 (≤3,5 mg/h·m²)			
Pentachlorophenol content			< 5 ppm			
Reaction to fire (Non-tested. Performance according to table 8 EN13986)			≥9mm D s2,d0 / D FL, S1 <9mm NPD			
Water vapor permeability (Non-tested. Performance according to table 9 EN 13986)			Wet cup: 60 μ Dry cup: 175 μ			
Sound absorption (Non-tested. Performance according to table 10 EN 13986)			Frequency from 250 Hz to 500 Hz: 0.10 Frequency from 1000 Hz to 2000 Hz: 0.30			
Thermal conductivity (λ) (Non-tested. Performance according to table 11 EN 13986)			0.11 W/(m·K)			

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

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

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

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:


garnica
 GRUPO GARNICA BELLWOOD, S.A.
 Parque San Miguel, 10 bajo - 26007 Logroño, La Rioja

Logroño, 15th April 2025

Marta Cepero, CPQO (Chief Procurement and Quality Officer)