

Declaration of Performance

Number: DOP.GAR.40.EN

1. Name - identification code of the product-type

Reinforced Globulus Birch LG

Poplar and eucalyptus core plywood with birch decorative faces

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 for external use as a structural component. Only weather-proof if correctly coated & edge-sealed EN 636-3.

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

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/A65/0046
GARNICA PLYWOOD BAÑOS DE RIO TOBIA, S.A.U. (II)	0099/CPR/A65/0047

7. 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 13986:2006+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 <i>EN 789</i>	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	
Bonding quality (for intended uses, according to labeling)			Clase 1			EN 13986:2006+A1:2015
			Clase 2			
			Clase 3			
Density kg/m³ (<i>average</i>)			580	610	615	
Screw withdrawal N (<i>average face</i>)			1671	2040	2000	
Formaldehyde release			E1 (≤3,5 mg/h·m²)			
Pentachlorophenol content			< 5 ppm			
Reaction to fire (<i>Non-tested. Performance according to table 8 EN13986</i>)			≥9mm D s2,d0 / D FL, S1 <9mm NPD			
Water vapor permeability (<i>Non-tested. Performance according to table 9 EN 13986</i>)			Wet cup: 60 μ Dry cup: 175 μ			
Sound absorption (<i>Non-tested. Performance according to table 10 EN 13986</i>)			Frequency from 250 Hz to 500 Hz: 0.10 Frequency from 1000 Hz to 2000 Hz: 0.30			
Thermal conductivity (λ) (<i>Non-tested. Performance according to table 11 EN 13986</i>)			0.11 W/(m·K)			

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, 3rd October 2022

Bruno Martínez, COO (Chief Operating Officer)