

## DECLARATION OF PERFORMANCES

### Nº: 260011

**1.- Product:**

ADHESIVO CARBOTEC LÁMINA

**2.Intended use:** Epoxy resin for gluing and bonding. Reinforcement in the repair of concrete structures. Lamination of glass and carbon fibers.

**3.-Manufacturer:**

GRUPO PUMA SL based in: Avda. Agrupación Córdoba nº 17 ,14014 Córdoba www.grupopuma.com

**4.- System of evaluation and verification of the constancy of product performance (EVCP): 4**

In buildings and civil engineering works with low performance requirements.

**5.-Notified body:**

Not applicable

**6.-Declared performances**

Essential characteristics	Performances	Technical specification Harmonized	Harmonised standards
<b>Service life adhesion variation</b>	3.6 Mpa (initial)	UNE-EN ISO 9514/1542	1504-4:2005
	3.5 Mpa (15 min)		
	3.5 Mpa (30 min)		
<b>Adhesion to steel/Tensile strength</b>	≥14 N/mm <sup>2</sup>	UNE-EN 12188:2000	
<b>Adhesion to steel/shear strength</b>	≥50 N/mm <sup>2</sup> (50°)	UNE-EN 12188:2000	
	≥60 N/mm <sup>2</sup> (60°)		
	≥70 N/mm <sup>2</sup> (70°)		
<b>Modulus of elasticity in compression</b>	>2000N/mm <sup>2</sup>	UNE-EN 13412:2008	
<b>Glass transition temperature (Tg)</b>	≥40 °C	UNE-EN 12614-1:2004	
<b>Linear shrinkage</b>	≤0.1 %	UNE-EN 12617-1:2004	
<b>Coefficient of thermal expansion</b>	≤100 μm/m°C	UNE EN 1770:1999	

The performance of the product identified in point 1 is in conformity with the performance declared in point 6.

This declaration of performance is issued under the sole responsibility of the distributor identified in point 3, in accordance with Regulation (EU) No. 305/2011.

This declaration certifies that all provisions relating to the assessment and verification of constancy of performance have been applied and that the factory production control of the product ADHESIVO CARBOTEC LÁMINA , within the scope of system 4, complies with all applicable requirements of Annex ZA of the standard UNE -EN 1504-4:2004.

Signed by and on behalf of the distributor:

Place and Date of issue: Córdoba, 12.07.21

Technical director: Jose A. Ferre Martínez