



DECLARATION OF PERFORMANCE

**Product for Protection and repair of concrete structures
U(D1) W(1) (2/3/4) (5/40)**

1. Unique identification code of the product-type:

TEKINJECT PU 1C FLEX 55

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of EU Construction Products Regulation No. 305/2011:
Batch number are unique and enable the product to be traced as required by system 4 and also to verify consistency of performance
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Ductile fillings of cracks, voids and interstices in concrete (Category D) , according to EN 1504-5

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
TEKINJECT BV
Kruisblok 6
2320 Hoogstraten
Email: info@tekinject.com
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): NOT APPLICABLE
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

EN 1504-5:2014 : System 4

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard: Not applicable
8. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Watertightness, EN 14068 (crack conditioning) without movement in concrete	$\geq 2 \times 10^5$ Pa No water Leak	EN 1504-5 :2014
Compatibility with Concrete EN 12637-1, EN 1504-5 table 3c n°8	< 20% lost deformation work	
Determination of potlife: Bond strength EN ISO 9514 and EN 1542	Temperature 10°C Initial :0,20Mpa	
	Temperature 23 °C Initial: 0,28Mpa	
	Temperature 40°C Initial 0,28Mpa	
Glass transition temperature °C	Not relevant	
Adhesion and elongation capacity of injection products with limited ductility; EN 12618-1	Crack 0,2 mm Tensile strength:0,15 N/mm ² Elongation:15,4%	
	Crack 0,5 mm Tensile strength: 0,16 N/mm ² Elongation:16,2%	
Determination of the adhesion of injection products (% of fulfilled cracks) EN 12618-2	% of filling of the crack has been 100%	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

On the behalf of the manufacturer by Brice Diochon, Managing Director

