



## DECLARATION OF PERFORMANCE

**Product for Protection and repair of concrete structures  
U(F1) W(1) (1/2/3)(5/30)(0)  
Force transmitting filling of cracks**

1. Unique identification code of the product-type:

**TEKINJECT EPOXY 100**

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:

**Force transmitting filling of cracks according to EN 1504-5**

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):

**TEKINJECT BV  
Kruisblok 6  
2320 Hoogstraten  
Belgium  
Email: [info@tekinject.com](mailto: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
Adhesion by tensile bond strength	>2N/mm <sup>2</sup> (cohesive failure in the substrate)	EN 1504-5 :2014
Volumetric shrinkage	<3%	
Glass transition temperature	60 – 65 °C	
Injectability into dry medium	High injectability for crack widths from 0.1mm	
Injectability into non dry medium	High injectability	
Initial viscosity mixture (20°C)	75 - 125 mPas	
Workable time (20°C)	> 40 minutes	
Tensile Strength Development	29 N/mm <sup>2</sup> within 72h at 20°C	
Adhesion by tensile bond strength after thermal and wet-drying cycles	Cohesive failure in the substrate	
Compatibility with concrete	Cohesive failure in the substrate	

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, Head of R&D.

