

DECLARATION OF PERFORMANCE
According Annex III of the Regulation (EU) No. 305/2011
as amended by Delegated Regulation (EU) Nr. 574/2014

Nr. IN 294

1. Unique identification code of the product type:

KÖSTER Injection Gel S4

2. Intended use:

Concrete injection product
Concrete injection for the elastic filling of cracks, voids and defects

3. Manufacturer:

KÖSTER BAUCHEMIE AG
Dieselstraße 1 - 10
26607 Aurich

4. Systems for evaluation and verification of constancy of performance:

System 4

5. Harmonized standard:

EN 1504-5: 2013

6. Notified bodies:

Not relevant

7. Declared performance:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonized technical specification
Adhesion capacity	> 0.04 MPa		
Elongation capacity	> 70%		
Watertightness	Watertight at 2 x10 ⁵ Pa		
Viscosity	9 mPa*s		
Processing time	2:20 min (+21 °C, slow mixture) 1 min (+25 °C, slow mixture) 16 s (+21 °C, fast mixture) 9 s (+25 °C, fast mixture)		
Injection capability into dry medium	Injectability class 1 (0.1 mm crack width) (< 4 min)		
Injection capability into non-dry medium	Injectability class 1 (0.1 mm crack width) (< 4 m)		
Compatibility with concrete (Tensile bond strength after thermal and wet-dry cycling)	No compression failure Loss of deformability < 20% in reference to stored in water		
Corrosion behavior	Deemed to have no corrosive effects		
Dangerous substances	NPD		

System 4
EN 1504-5:2005

The performance of the product identified above in No.1 and 2 is in conformity with the set of declared performance according to No. 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified above in No. 3.

Signed for and on behalf of the manufacturer by:

Dr. Eike Kunst
(Research and Development Export)

.....15.7.2020.....
(Place and date of issue)

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(Signature)