



DECLARATION OF PERFORMANCE

in accordance with Appendix III to Regulation (EU) No. 305/2011
No. 02 0009

Type of product
EN 1504-3: ZA.1a

Identification mark
KEIM Concretal-Mörtel-R
Batch number: see packaging of product

Intended use
Concrete substitute for statically and non-statically relevant restoration
Concrete substitution by manual plaster application (3.1)
Concrete substitution by concrete or plaster application in spray application (3.3)
Increase of reinforcement cover with additional cement binding mortar or concrete (7.1)
Replacement of contaminant-laden or carbonated concrete (7.2)

Manufacturer
Keimfarben GmbH, Keimstraße 16, D-86420 Diedorf

System for evaluation and verification of constancy of performance
System 2+

The notified body
**Institute of Concrete Structures and Building Materials at University of Karlsruhe (TH),
Identification number 0754**
has performed initial inspection of the plant and the factory production control system as well as continuous monitoring, assessment and evaluation of the factory production control system in accordance with System 2+ and issued the following:

**Certificate of conformity of the factory production control system
No. 0754-CPD-07-0842**

Declared performance

Essential characteristics	Performance	Harmonized technical specification
Crush resistance	Class R4	EN 1504-3:2005
Chloride ion content	$\leq 0.05 \%$	EN 1504-3:2005
Adhesive strength	$\geq 2.0 \text{ MPa}$	EN 1504-3:2005
Impeded shrinkage / creep.	$\geq 2.0 \text{ MPa}$	EN 1504-3:2005
Carbonation resistance	Passed ¹⁾	EN 1504-3:2005
Elasticity modulus	$\geq 20 \text{ GPa}$	EN 1504-3:2005
Fire behavior	A1	EN 1504-3:2005
Hazardous substances	NPD	EN 1504-3:2005

¹⁾ Only for restoration of reinforced concrete



The performance of the product for which this declaration of performance was issued conforms to the declared performance. The manufacturer stated in this declaration of performance bears sole responsibility for the preparation of this declaration of performance.

Signed for the manufacturer and on behalf of the manufacturer by:

Peter Jaser, Manager of quality assurance and color metrics

Diedorf, 01.07.2013


p. p. Peter Jaser

Appendix
Material safety data sheet