



KEIM Concretal-Mörtel-R

## DECLARATION OF PERFORMANCE

Number of the declaration of performance and unique identification code of the product-type  
**02 0009.1**

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)

Structural strengthening by adding mortar or concrete (4.4)

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 of AVCP

**System 2+**

(for intended use in buildings and engineering structures)

Harmonised standard

**EN 1504-3:2005**

Notified body

**Materialprüfungs- und Forschungsanstalt, MPA Karlsruhe, Identification number 0754**

Declared performance

Essential characteristics	Performance
Crush resistance	Class R4
Chloride ion content	≤ 0.05 %
Adhesive strength	≥ 2.0 MPa
Impeded shrinkage / creep.	≥ 2.0 MPa
Carbonation resistance	Passed
Elasticity modulus	≥ 20 GPa
Temperature change compatibility when exposed to frost/de-icing stress	≥ 2,0 MPa
Temperature change compatibility when exposed to thunderstorm rain stress	≥ 2,0 MPa

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Registergericht Augsburg HRB 27263  
Geschäftsführer: Rüdiger Lugert



Capillary water absorption	0,098 kg x m <sup>2</sup> x h <sup>0,5</sup>
Creeping under compressive stress	2,29 (final creep ration)
Overhead application	≥ 2,0 MPa
Fire behavior	A1
Hazardous substances	NPD

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Peter Jaser, Manager of quality assurance and color metrics:

A handwritten signature in blue ink, appearing to read "Peter Jaser".

p. p. Peter Jaser

Diedorf, 01.07.2017

Appendix  
Material safety data sheet