



EN 1504-2:2004

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EN 1504-3:2005

DECLARATION OF PERFORMANCE

according Annex III of the Regulation (EU) No 305/2011 for the product

Sikagard[®]-720 Epocem[®]

Nr. 0203020100200000021029

Declaration of Performance

1. Product Type: Unique identification code of the product-type:	Sikagard[®]-720 Epocem[®]
2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):	Batch no.: see packaging
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	Surface protection rigid coating; class R4 PCC mortar for the repair of concrete structures Principles 2, 3, 5, 7, and 8 - methods 2.3, 3.1, 3.3, 5.1, 7.1, 7.2, and 8.3 Conforming to the Annex ZA Table ZA.1.1
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	Sikagard[®], Epocem[®] Sika Österreich GmbH Bingser Dorfstrasse 23 6700 Bludenz Austria
5. Contact Address: Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	not relevant (see 4)
6. AVCP: System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:	System 2+ System 3 for Reaction to fire
7. Notified body (hEN): In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:	Notified factory production control certification body No. 1139 performed the initial inspection of the manufacturing plant and of factory production control under system 2+ and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control (FPC) 1234/08 . The notified body performed the determination of reaction to fire class on the basis of type testing under system 3 and issued test report: 09/32301056



8. Notified body (ETA): In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:	not relevant (see 7)
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9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonised technical specification
Abrasion resistance	Weight loss < 3000mg H22, 1000c, 1000gr	EN ISO 5470-1	EN 1504-2:2004
Water vapour permeability	Class I: S _D < 5 m	EN ISO 7783-2	
Capillary absorption and permeability to water	< 0.1 kg.m ⁻² .h ^{-0.5}	EN 1062-3	
Impact resistance	After loading no cracks or delamination Class III: ≥ 20Nm	EN ISO 6272-1	
Adhesive Bond	(horizontal with trafficking) ≥ 2.0 N/mm ²	EN 1542	
Dangerous substances	See local safety data sheet	-----	
Compressive strength	≥ 45 MPa	EN 12190	EN 1504-3:2005
Chloride Ion Content	≤ 0.05 %	EN 1015-17	
Adhesive Bond	≥ 2.0 MPa	EN 1542	
Restrained Shrinkage / Expansion	≥ 2.0 MPa	EN 12617-4	
Carbonation Resistance	dk ≤ control concrete (MC(0.45))	EN 13295	
Elastic Modulus	NPD	EN 13412	
Thermal Compatibility freeze-thaw	≥ 2.0 MPa	EN 13687-1	
Coefficient of thermal expansion	13.1 μm / m °C	EN 1770	
Skid Resistance	Class III > 55 units wet tested	EN 13036-4	
Capillary Absorption	≤ 0.5 kg.m ⁻² .h ^{-0.5}	EN 13057	
Reaction to fire	A2(f)S1	EN 13501-1	
Dangerous substances	See local safety data sheet	-----	



10. Declaration

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

Signed for and on behalf of the manufacturer by:



Mähr Philipp (Product Engineer)



Ing. Fabio Menigatti (General Manager)

Bludenz, 20th March 2013

Ecology, Health and Safety Information (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

Legal note:

This information is given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

For further information:

Sika Österreich GmbH
Bingsler Dorfstrasse 23
6700 Bludenz - Bings
Österreich

Phone +43 5 0610
Telefax +43 5 610 1901
www.sika.at

