



## DECLARATION OF PERFORMANCE

### Sikagard-680 S Betoncolor

0203030200100000011008

**EN 1504-2:2004**

#### 1. Product Type

Unique identification code of the product-type:

**Sikagard-680 S Betoncolor**

#### 2. Type

batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

**680 S Betoncolor**

**batch no. refer to packaging**

**3. Intended use** or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**1-part, weather, alkali and aging resistant acrylic resin coating for the treatment of mineral substrates**

**Principles 1, 2, 8 - methods 1.3, 2.2, 8.2 of EN 1504-2**

**4. Name, registered trade name** or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Sikagard**

**Sika Deutschland GmbH  
Kornwestheimer Str. 103-107  
70439 Stuttgart, Germany**

#### 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+**

Declaration of performance



### 7. Notified body (hEN)

In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:

**0921**

Notified factory production control certification body No. 0921 QDB performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued the certificate of conformity of the factory production control (FPC)

**0921-CPR-2017**

### 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**

### 9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonised technical specification
Dangerous substances	NPD		EN 1504-2: 2004
Abrasion resistance (Taber test) :	NPD	EN ISO 5470-1	
Permeability to CO <sub>2</sub> :	s <sub>D</sub> ≥ 50 m	EN 1062-6	
Permeability to water vapour:	Class I	EN ISO 7783-1	
Capillary absorption and permeability to water:	w < 0,1 kg/(m <sup>2</sup> x h <sup>0,5</sup> )	EN 1062-3	
Resistance to severe chemical attack <sup>2)</sup> :	NPD	EN 13529	
Impact resistance:	NPD	EN ISO 6272-1	
Adhesion strength by pull-off test:	≥ 1,0 (0,7) <sup>1)</sup> N/mm <sup>2</sup>	EN 1542	
Reaction to fire:	Class E	EN 13501-1	
Linear shrinkage:	NPD	EN 12617-1	
Compressive strength:	NPD	EN 12190	
Coefficient of thermal expansion:	NPD	EN 1770	
Cross cut:	NPD	EN ISO 2409	
Thermal compatibility:	NPD	EN 13687	
Resistance to thermal shock:	NPD	EN 13687-5	
Chemical resistance:	NPD	ISO 2812-1	
Crack bridging ability:	NPD	EN 1062-7	

<sup>1)</sup> The value in brackets is the lowest accepted value of any reading.



0921

Sika Deutschland GmbH  
Plant 1008

**08**


0203030200100000011008

**EN 1504-2:2004**

## 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:



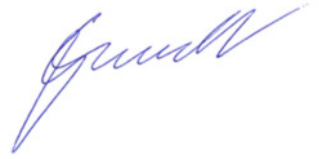
Jochen Grötzinger

Research and development



Martin Rolfes

Marketing



Dr. Heinz Ephardt

Quality control

Stuttgart, 1. Juni 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.

---



Sika Deutschland GmbH  
Kornwestheimer Str. 103-107  
70439 Stuttgart

Telefone +49 (0) 7 11 80 09-0  
Fax +49 (0) 7 11 80 09-321  
www.sika.de