



## DECLARATION OF PERFORMANCE

### Sikagard®-545 W Elastofill

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#### 1. Product Type:

Unique identification code of the product-type

**Sikagard®**

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

**-545 W Elastofill**

Batch Number (refer to label)

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

**Sikagard-545 W Elastofill** is designed as a crack-bridging intermediate coat in combination with Sikagard-550 W Elastic

**Sikagard®-545 W Elastofill** as a filler coat closes pores, cavities and blowholes

**Sikagard®-550 W Elastic** as a coloured top coat protects and embellishes

**Sikagard®** crack bridging system is used for protection and enhancement of concrete structures (normal and lightweight concrete), especially outdoor exposed concrete surfaces with a high risk of cracking

- Suitable for protection against ingress (Principle 1, method 1.3 of EN 1504-9),
- Suitable for moisture control (Principle 2, method 2.3 of EN 1504-9)
- Suitable for increasing the resistivity (Principle 8, method 8.3 of EN 1504-9)

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

**Sikagard®**

Sika Services AG  
Tüffenwies 16,  
CH-8048 Zürich,  
Switzerland  
Factory Number 1125

#### 5. Contact Address:

Where applicable, name and contact address of the authorised 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 of the construction product as set out in CPR, Annex V:

**System 2+**

Declaration of Performance



**7. Notified body:**

In case of declaration of performance concerning a construction covered by a harmonised standard:

**0921**

Notified factory production control certification body No. **0921** performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control, **0921-CPD-2046**.

**8. Notified Body:**

In case of the declaration of performance concerning a construction product for which an European Technical Assessment has been issued:

**Not relevant** (see 7)

**9. Declared performance:**

Essential Characteristics	Performance	Test Standard	Harmonised Technical Specification
Cross cut	Gt0	EN ISO 2409	EN 1504-2: 2 2004
Permeability to CO <sub>2</sub>	S <sub>D</sub> > 50 m	EN 1062-6	
Water vapour permeability	S <sub>D</sub> < 5 m (class I)	EN ISO 7783-1 EN ISO 7783-2	
Capillary absorption and permeability to water	ω < 0,1 kg/m <sup>2</sup> .h <sup>0,5</sup>	EN 1062-3	
Thermal compatibility (Freeze and thaw cycling with de-icing salt immersion)	≥ 0,8 (0,5) N/mm <sup>2</sup> No bubbles, cracks or delamination	EN 13687-1	
Crack bridging ability	A3(-20°C)	EN 1062-7	
Adhesion Strength by pull-off test	≥ 0,8 (0,5) N/mm <sup>2</sup>	EN 1542	
Reaction to fire after application	Class F	EN 16501-1	
Artificial weathering	Passes	EN 1062-11	
Dangerous substances	comply with 5.3		

Note: The test data given for the products performance in crack bridging, carbon dioxide and water vapour diffusion resistance and typical thickness etc. are given as part of a system in combination with **Sikagard®-550W Elastic** (details see test report A-33'883-2 from LPM).



## 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 is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michel Donadio  
Corporate Product Engineer



Thierry Berset  
CMFM Refurbishment



Pfäffikon, 28 February 2013

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## 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.

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### 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.

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