



EN 13381-8:2010

EN 13501-2:2010

## DECLARATION OF PERFORMANCE

**Sika® Pyroplast® ST 100**

020604000020000010

**EN 13381-8:2010**

### 1. Product Type

Unique identification code of the product-type:

**Sika® Pyroplast® ST 100**

### 2. Type

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

**ST 100**

**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:

**Waterbased intumescent coating for fire protection of various sizes of structural steel for up to a fire resistance classification of R120 and for design temperatures in the range of 350 to 750°C**

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

**Sika® Pyroplast®  
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 AoC Level 1**

Declaration of performance



**7. Notified body (hEN)**

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

**EN 13381-8:2010**

**CE 0716– CPD – 0224**

**Notified Certification Body No.0716**

**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:

**ETA -11/0430**

**9. Declared performance**

**See table on following page**



ETAG Clause No.	Essential Characteristics	Assessment of Characteristic	Technical Specification
5.1	<b>Mechanical resistance and stability</b>	Not relevant	ETAG 018-1 and 2
5.2	<b>Safety in case of fire</b>		
5.2.1	Resistance to fire	Pass, Annex A and Annex E I/H- sections, R15 up to R120	EN 13501-02:2010 EN 13381-8:2012 EN 1363-2:1999
5.2.2	Reaction to fire	Pass, class B-s1,do Class B-s2,d0	EN 13501-1:2010
5.3	<b>Hygiene, Health and Environment</b>		
5.3.2	Release of dangerous substances	The product specification has been compared with Annex XVII of REACH and the ECHA Candidate List of Substances of Very High Concern to verify that that it does not contain such substances above the acceptable limits	
5.4	<b>Safety in use</b>	Not relevant	
5.5	<b>Protection against noise</b>	Not relevant	
5.6	<b>Energy, Economy and Heat Retention</b>		
5.7	<b>Related Aspects of Serviceability</b>		
5.7.2.1	Primer compatibility	Compatible with - Short/medium oil alkyd - Acrylic dispersion	ETAG 018-2
	Topcoat compatibility	Compatible with - PVC-AY - Acrylic dispersion	
	Environmental conditions	Passed Type Y, Z1 and Z2	



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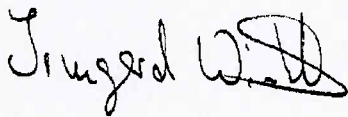
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 www.sika.de

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## 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.

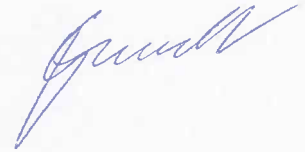
Signed for and on behalf of the manufacturer by:



Dr. Irmgard Winkels  
Research & Development



Markus Wöhr  
Marketing



Dr. Heinz Ephardt  
Quality control

Vaihingen, 17.06.2013

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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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