



EN 1504-2: 2004
EN 13813: 2002

08

0921

DECLARATION OF PERFORMANCE

Sikafloor-2420

0208010202100000011008

EN 13813:2002

| | |
|---|---|
| 1. Product Type Unique identification code of the product-type: | Sikafloor-2420 |
| 2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): | 2420 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: | 2-part epoxy primer for concrete and cementitious screeds According to EN 13813 SR-B2,0 |
| 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): | Sikafloor 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 4 |
| 7. Notified body (hEN) In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard: | - |
| 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 |

Declaration of performance



9. Declared performance

| Essential characteristics | Performance | Test Standard | Harmonised technical specification |
|--|-------------------------------|---------------|------------------------------------|
| Release of corrosive substances(Synthetic Resin Screed): | SR | EN 13813 | EN 13813 |
| Abrasion Resistance: | NPD | EN 13892-4 | |
| Bond strength: | ≥ B2,0 | EN 13892-8 | |
| Impact resistance: | NPD | EN ISO 6272 | |
| Sound insulation: | NPD | EN ISO 140-1 | |
| Sound absorption: | NPD | EN ISO 354 | |
| Reaction to fire: | E _{fl} ¹⁾ | EN 13501-1 | |
| Permeability to water vapour: | NPD | EN ISO 7783-1 | |
| Thermal resistance: | NPD | EN 12664 | |
| Chemical resistance: | NPD | EN 13529 | |

¹⁾ According to Commission Decision 2010/85/EU of 9 February 2010 the product fulfils the reaction-to-fire performance class E/E_{fl} without further testing



EN 1504-2:2004

1. Product Type

Unique identification code of the product-type:

Sikafloor-2420

2. Type

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

2420

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:

2-part epoxy transparent seal coat for normal up to medium heavy wear and impregnation of concrete surfaces to protect from salt solutions / free thaw etc.

Principles 1, 2, 5, 6, 8 - methods 1.3, 2.2, 5.1, 6.1, 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):

Sikafloor

**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+

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 | | |
| Abrasion resistance (Taber test) ¹⁾ : | < 3000 mg | EN ISO 5470-1 | EN 1504-2: 2004 |
| Permeability to CO ₂ : | s _D ≥ 50 m | EN 1062-6 | |
| Permeability to water vapour: | Class III | EN ISO 7783-1 | |
| Capillary absorption and permeability to water: | w < 0,1 kg/(m ² x h ^{0,5}) | EN 1062-3 | |
| Resistance to severe chemical attack ²⁾ : | Class I | EN 13529 | |
| Impact resistance: | Class I | EN ISO 6272-1 | |
| Adhesion strength by pull-off test: | ≥ 2,0 (1,5) ³⁾ N/mm ² | EN 1542 | |
| Reaction to fire: | Class E _{fl} | 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 | |

¹⁾ Additionally the requirements according to EN 13813 have to be fulfilled

²⁾ Please refer to the Sikafloor Chemical Resistance Chart

³⁾ The value in brackets is the lowest accepted value of any reading.



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