

DECLARATION OF PERFORMANCE

Sikafloor-305 W ESD

0208120600300000051008

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| 1 | UNIQUE IDENTIFICATION of the product-type: | Sikafloor-305 W ESD |
| 2 | INTENDED USE/ES or intended uses of the construction product in accordance with the applicable harmonized technical specification of the manufacturer: | 2-part, water dispersed, coloured PUR resin roller coating. Particularly suitable for areas with requirements for the lowest body voltage generation such as clean rooms in the electronics industry, microbiology/ microchemistry sectors, production plants in the automobile industry etc. Principles 1, 2, 5, 6, 8 - methods 1.3, 2.2, 5.1, 6.1, 8.2 of EN 1504-2 According to EN 13813 SR-B2,0-ARO-IR12 |
| 3 | MANUFACTURER registered trade name or registered trade mark and contact address of the manufacturer under Article 11, paragraph 5: | Sika Deutschland GmbH Kornwestheimer Straße 103-107 D - 70439 Stuttgart Germany |
| 4 | SYSTEMS OF AVCP System or systems of assessment and verification of constancy of performance (AVCP) of the construction according to CPR, Annex V: | EN 1504-2: System 2+ (for uses in buildings and civil engineering works) EN 1504-2: System 3 (for uses subject to reaction to fire regulations) EN 13813: System 4 (for internal uses) |
| 5 | HARMONIZED STANDARD | EN 1504-2: 2004 EN 13813: 2002 |
| 6 | NOTIFIED BODY/BODIES In the case of the declaration of performance (DoP), which relates to a construction product, covered by a harmonized 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

The Notified Body Institut Hoch No 1508 , has performed the tests on the fire behavior with System 3 and issued the corresponding report KB-Hoch-150461-2

7 DECLARED PERFORMANCES

Tested as a part of a system build-up with Sikafloor-161, Sikafloor-220 W and Sikafloor-262 AS N

8 TABLE 1: PERFORMANCE IN SYSTEM ACCORDING TO EN 1504-2

| Essential characteristics | Performance | System of assessment and verification of constancy of performance | Harmonized technical specification |
|--|---|---|------------------------------------|
| Linear shrinkage: | NPD | System 2+ | EN 1504-2: 2004 |
| Compressive strength: | NPD | | |
| Thermal expansion coefficient: | NPD | | |
| Abrasion resistance ¹⁾ : | weight loss < 3000 mg | | |
| Cross cut | NPD | | |
| Permeability to CO ₂ | s _D > 50 m | | |
| Water vapor permeability: | Class III | | |
| Capillary absorption and permeability to water: | w < 0,1 kg/(m ² x h ^{0,5}) | | |
| Thermal compatibility: | NPD | | |
| Resistance to thermal shock | NPD | | |
| Chemical resistance | NPD | | |
| Resistance to severe chemical attack ²⁾ : | Class II | | |
| Crack bridging ability: | NPD | | |
| Impact resistance: | Class II | | |
| Adhesion strength by pull off test | ≥ 2,0 (1,5) ³⁾ N/mm ² | | |
| Reaction to fire | E _{fl} | System 3 | |
| Skid resistance | NPD | System 2+ | |
| Artificial weathering | NPD | | |
| Antistatic behavior | NPD | | |
| Adhesion to wet concrete | NPD | | |
| Release of dangerous substances | NPD | | |

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.


TABLE 2: PERFORMANCE ACCORDING TO EN 13813

| Essential characteristics | Performance | System of assessment and verification of constancy of performance | Harmonized technical specification |
|---------------------------------|-------------------------------|---|------------------------------------|
| Reaction to fire: | E _{fi} ¹⁾ | System 4 | EN 13813: 2002 |
| Release of corrosive substances | SR | | |
| Water permeability | NPD | | |
| Wear resistance | ≤ AR0 ²⁾ | | |
| Bond strength | ≥ B2,0 | | |
| Impact resistance | ≥ IR12 | | |
| Sound insulation | NPD | | |
| Sound absorption | NPD | | |
| Thermal resistance | NPD | | |
| Chemical resistance | NPD | | |

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

²⁾ Min. classification, please refer to the individual test certificate.

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| Sika Deutschland GmbH Plant 1008 15 0208120600300000051008 EN 13813:2002 | |
| <p>2-part, water dispersed, coloured PUR resin roller coating. Particularly suitable for areas with requirements for the lowest body voltage generation such as clean rooms in the electronics industry, microbiology/ microchemistry sectors, production plants in the automobile industry etc.</p> <p>According to EN 13813 SR-B2,0-AR0-IR12</p> | |
| Essential characteristics | Performance |
| Reaction to fire | E_{fl} |
| Release of corrosive substances | SR |
| Water permeability | NPD |
| Wear resistance | \leq AR0 |
| Bond strength | \geq B2,0 |
| Impact resistance | \geq IR12 |
| Sound insulation | NPD |
| Sound absorption | NPD |
| Thermal resistance | NPD |
| Chemical resistance | NPD |

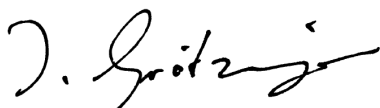
|  | |
|--|---------------------------------|
| 0921 Sika Deutschland GmbH Plant 1008 15 0208120600300000051008 EN 1504-2:2004 | |
| <p>2-part, water dispersed, coloured PUR resin roller coating. Particularly suitable for areas with requirements for the lowest body voltage generation such as clean rooms in the electronics industry, microbiology/ microchemistry sectors, production plants in the automobile industry etc.</p> | |
| Essential characteristics | Performance |
| Linear shrinkage | NPD |
| Compressive strength | NPD |
| Thermal expansion coefficient | NPD |
| Abrasion resistance | weight loss < 3000 mg |
| Cross cut | NPD |
| Permeability to CO ₂ | $s_D > 50$ m |
| Water vapor permeability | Class III |
| Capillary absorption and permeability to water | $w < 0,1$ |
| Thermal compatibility | NPD |
| Resistance to thermal shock | NPD |
| Chemical resistance | NPD |
| Resistance to severe chemical attack | Class II |
| Crack bridging ability | NPD |
| Impact resistance | Class II |
| Adhesion strength by pull off test | $\geq 2,0 (1,5) \text{ N/mm}^2$ |
| Reaction to fire | E_{fl} |
| Skid resistance | NPD |
| Artificial weathering | NPD |
| Antistatic behavior | NPD |
| Adhesion to wet concrete | NPD |
| Release of dangerous substances | NPD |

9 APPROPRIATE TECHNICAL DOCUMENTATION

Produkt Data Sheet: Nr. 3369
Performance without further testing: Reaction to fire class E_{fl}

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305*2011, under the sole responsibility of the manufacturer identified above.

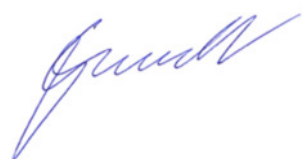
Signed for and on behalf of the manufacturer by:



Jochen Grötzing
Research and Development



Martin Rolfes
Marketing



Dr. Heinz Ephardt
Quality control

Stuttgart, 2015 Septembre 04th

HEALTH AND SAFETY INFORMATION

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

LEGAL NOTES

This information and, in particular, the suggestions relating to the application and end-use of our products, are based on our knowledge and experience in normal use, providing the products have been properly stored and applied. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of results achieved or liability arising out of any legal relationship whatsoever, can be inferred either from this information or from any advice offered by spoken word, unless we have been deliberately at fault or guilty of gross negligence. The user shall be required to prove that he has duly and in full extent submitted to Sika in writing all information necessary for Sika to make a fair and proper assessment. The user must test the products' suitability for the intended application and purpose. Sika reserves the right to change the product specifications. The proprietary rights of third parties must be observed. Orders are accepted subject to our current terms and conditions of sale and delivery. The most recent edition of the Product Data Sheet shall apply, copies of which should be requested from us.

FOR FURTHER INFORMATION:

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Declaration of Performance
Sikafloor-305 W ESD
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