

Sikafloor[®]-416 MAT

DECLARATION OF PERFORMANCE No. 56803211

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT- TYPE:	56803211
2	INTENDED USE/S	ETA 13/0231 / ETAG 005, Part 1 and Part 6, Edition March 2000 (Revised March 2004) used as EAD Liquid applied roof waterproofing
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 3
6b	EUROPEAN ASSESSMENT DOCUMENT:	Guideline for European Technical Approval (ETAG) of Liquid Applied Waterproofing Kits 005, Part 1 'General' and Part 6 'Specific Stipulations for Kits Based on Polyurethane' Edition March 2000 (Revised March 2004) used as the European Assessment Document (EAD)
	European Technical Assessment:	ETA 13/0231 of 14/08/2018
	Technical Assessment Body:	British Board of Agrément (BBA)
	Notified body/ies:	0836

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7 DECLARED PERFORMANCE/S

3.1 Mechanical resistance and stability (BWR 1)

Not relevant.

3.2 Safety in case of fire (BWR 2)

Characteristic	Method	Classification
External fire performance	ENV 1187:2002 Test 1 Classified to EN 13501:2005	See Annex A
Reaction to fire	EN ISO 11925-2:2007 Classified to EN 13501-1:2007	See Annex A

3.3 Health, hygiene and the environment (BWR 3)

Characteristic	Method	Classification
Resistance to water vapour	EN 1931:2000	See Annex A
Watertightness	EOTA RT-003	See Annex A
Resistance to wind loads	EOTA RT-004	See Annex A
Resistance to dynamic indentation	EOTA RT-006	See Annex A
Resistance to static indentation	EOTA RT-007	See Annex A
Resistance to fatigue movement	EOTA RT-008	See Annex A
Effect of low surface temperatures	EOTA RT-006	See Annex A
Extreme low temperatures	EOTA RT-006 EOTA RT-013	See Annex A NPD
Effects of high surface temperatures	EOTA RT-007	See Annex A
Resistance to heat ageing	EOTA RT-011 EN ISO 527-4:1996 EOTA RT-006 EOTA RT-008	See Annex A
UV radiation in the presence of water	EOTA RT-010 EN ISO 527-4:1996 EOTA RT-006	See Annex A
Resistance to water ageing	EOTA RT-012 EOTA RT-004 EOTA RT-007	See Annex A
Root resistance	EN 13948:2007	NPD
Content and/or release of dangerous substances ^[1]	EOTA RT-034	NPD

^[1]The manufacturer has made a declaration that the product does not contain any dangerous substances.

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3.4 Safety and accessibility in use (BWR 4)

Characteristic	Method	Classification
Resistance to wind loads	EOTA RT-004	See Annex A
Resistance to water ageing	EOTA RT-012 EOTA RT-004	See Annex A
Slipperiness	SS 92 3515	NPD

3.5 Protection against noise (BWR 5)

Not relevant.

3.6 Energy economy and heat retention (BWR 6)

Not relevant.

3.7 Sustainable use of natural resources (BWR 7)

Not relevant.

ANNEX A CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAFLOOR®-405

This annex applies to the Sikafloor -405 described in the main body of the European Technical Assessment.

The substrates applicable to this kit are defined in the main body of the European Technical Assessment. The kit has the following characteristics:

- water vapour resistance factor (μ) - 2500
- resistance to wind loads - > 50 kPa
- assembled kit thickness - 1.4 mm plus surface finish.

The categorisations of levels of performance in accordance with ETAG 005 are as follows:

- External fire performance - $B_{ROOF}(t1)^{[1]}$
- Reaction to fire - Euroclass E
- Categorisation by working life - W3
- Categorisation by climatic zones - M
- Categorisation by slope - S1 to S4
- Categorisation by imposed loads (all substrates) - P4
- Categorisation by surface temperature:
 - lowest- TL3
 - highest- TH3
- Statement on dangerous substrates - none contained
- Root resistance - NPD
- Slipperiness - NPD.

^[1]The tests were carried out on a non-combustible calcium silicate board at roof pitches ranging g from 0 - 20°.

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**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR -
SPECIFIC TECHNICAL DOCUMENTATION**

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:

Name: Kostas Mourikis
Function: TMM Flooring
At Athens on 23 March 2020

Name: Alexandros Melissourgos
Function: Technical Manager
At Athens on 23 March 2020



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End of information as required by Regulation (EU) No 305/2011


RELATED DECLARATION OF PERFORMANCE

Product Name	Harmonized technical specification	DoP Number
Sikafloor®-405	ETAG 005, Part 1 and Part 6, ed. 2000 (rev.2004)	61356859
Sikafloor®-406	ETAG 005, Part 1 and Part 6, ed. 2000 (rev.2004)	76034265
Sikafloor®-415	ETAG 005, Part 1 and Part 6, ed. 2000 (rev.2004)	90996741

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FULL CE MARKING

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Sika Services AG, Zurich, Switzerland
56803211
ETAG 005, Part 1 and Part 6, edition 2000 (revised 2004) used as EAD
Notified Body 0836
Liquid applied roof waterproofing

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CE MARKING TO BE PLACED ON THE LABEL

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Notified Body 0836
Liquid applied roof waterproofing
For details see accompanying documents
dop.sika.com

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

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are 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 products 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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