

Sikafloor[®]-425

DECLARATION OF PERFORMANCE

No. 27784072

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	27784072
2	INTENDED USE/S	ETA 20/1019 EAD 030350-00-0402 Liquid-applied roof waterproofing using kits based on polyurethane
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 3
6b	EUROPEAN ASSESSMENT DOCUMENT:	European Assessment document (EAD) no. EAD 030350-00-0402 for Liquid applied roof waterproofing kits
	European Technical Assessment:	ETA 20/1019 of 2020/12/20
	Technical Assessment Body:	ETA-Danmark A/S
	Notified body/ies:	

7 DECLARED PERFORMANCE/S

7.1 Safety in case of fire (BWR 2)

Characteristic	Category
External fire performance	See Annex A
Reaction to fire	See Annex A

7.2 Health, hygiene and the environment (BWR 3)

Characteristic	Category
Resistance to water vapour	See Annex A
Watertightness	See Annex A
Resistance to wind loads	See Annex A
Resistance to dynamic indentation	See Annex A
Resistance to static indentation	See Annex A
Resistance to fatigue movements	See Annex A
Effect of low surface temperatures	See Annex A
Extreme low temperatures	See Annex A
Effects of high surface temperature	See Annex A
Resistance to heat ageing	See Annex A
UV radiation in the presence of water	See Annex A
Resistance to water ageing	See Annex A
Root resistance	NPD
Content and/or release of dangerous substances ⁽¹⁾	NPD
Comparative testing of dynamic indentation – variation in installation temperature	See Annex A
Effects of day joints	See Annex A

7.3 Safety and accessibility in use (BWR 4)

Characteristic	Category
Resistance to wind loads	See Annex A
Resistance to water ageing	See Annex A
Slipperiness	See Annex A

ANNEX A CATEGORISATION OF LEVELS OF PERFORMANCE OF SIKAFLOOR®-425

This annex applies to the Sikafloor® -425 roof waterproofing kit used to produce the system described in the main body of the European Technical Assessment.

The substrate 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) — 1427
- Water vapour diffusion – equivalent air layer thickness (S_d) — 2.82 m
- resistance to wind loads — >50 kPa
- assembled kit thickness — 1.5 mm

The categorisation of levels of performance in accordance with EAD 030350-00-0402 are:

- External fire performance — $B_{ROOF}(t_4)^{(1)}$
- Reaction to fire — Euroclass E
- Categorisation by working life — W3
- Categorisation by climatic zones — M and S
- Categorisation by imposed loads — P4
- Categorisation by roof slope — S1 to S4
- Categorisation by surface temperature
 - lowest — TL4
 - highest — TH4
- Statement on dangerous substances — NPD
- Root resistance — NPD
- Slipperiness⁽²⁾.

(1) The system tested consisted of a 12 mm plywood substrate, one coat of Sika Bonding Primer at $0.125 \text{ l}\cdot\text{m}^{-2}$, one coat of Sikafloor -425 applied at $1.1 \text{ l}\cdot\text{m}^{-2}$, a layer of Sika Reemat Premium and one coat of Sikafloor -425 applied at $0.7 \text{ l}\cdot\text{m}^{-2}$.

(2) Testing carried out in accordance with DIN 51130 : 2010 *Testing Of Floor Coverings - Determination Of The Anti-slip Property - Workrooms And Fields Of Activities With Slip Danger, Walking Method - Ramp Test.*

Finishing Layer	Corrected slope(°)	Category
Sikafloor Monoflex MB-54 LO	30.9	R12
Sikafloor Monoflex MB-55 LO	30.9	R12
Sikafloor Monoflex MB-56 LO	6.9	R 9
Sikafloor Monoflex MB-57 LO	19.7	R 11
Sikafloor Monoflex MB-58 LO	30.3	R 12
Sikafloor Monoflex MB-59 LO	4.0	less than R 9

**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 : Tomasz Gutowski
Function: Corporate Standardization
and Approvals
At Warsaw on 04 June 2021

Name : Tatiana Ageyeva
Function: Standardization and Approvals
At Warsaw on 04 June 2021




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

FULL CE MARKING

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Sika Services AG, Zurich, Switzerland
27784072
EAD 030350-00-0402
Liquid-applied roof waterproofing using kits based on polyurethane

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Effects of day joints	See Annex A

7.3 Safety and accessibility in use (BWR 4)

Characteristic	Category
Resistance to wind loads	See Annex A
Resistance to water ageing	See Annex A
Slipperiness	See Annex A

Declaration of Performance
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2021.06 , ver. 01
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CE MARKING TO BE PLACED ON THE LABEL

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Sika Services AG, Zurich, Switzerland
27784072
EAD 030350-00-0402
Liquid-applied roof waterproofing using kits based on polyurethane
For details see accompanying documents

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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.

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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