

Sikalastic®-220W

DECLARATION OF PERFORMANCE

No. 29659032

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	29659032
2	INTENDED USE/S	ETAG 022 - Part 1 Liquid applied watertight covering kit for wet room floors and walls
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 2+
6b	EUROPEAN ASSESSMENT DOCUMENT:	ETAG No 022 Watertight covering kits for wet room floors and/or walls, Part 1: Liquid applied coverings with or without wearing surface, Edition April 2007
	European Technical Assessment:	ETA-17/0772 of 20/11/2017
	Technical Assessment Body:	ETA-DANMARK A/S
	Notified body/ies:	0761

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7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	Harmonised Technical Spec.
Reaction to fire	Euroclass E	
Dangerous substances	The kit does not contain/release DS (specified in TR 034, dated March 2012 *)	
Vapour permeability)	50% (membrane with primer when tested at 23°C and RH 93)	
Vapour permeability S _d	18,7 m (equivalent to Z _v = 701.250 s/m with 1130 g/m ² Sikalastic®-220W membrane in two applications) value of the kit without primer applied to the gypsum board	
Water tightness	Watertight according to EN 14891	
Crack bridging ability	1,13 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,4 mm). Assessment category 1: Crack width 0,4 mm	
	1,35 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,5 mm). Assessment category 2: Crack width 0,75 mm	
Bond strength	Sikalastic®-220W membrane and the each of the tile adhesives mentioned in section 1 of this ETA on a concrete substrate all comply with Assessment category 2: Bond strength > 0,5 MPa	ETAG 022 – Part 1
	Sikalastic®-220W membrane and the each of the tile adhesives mentioned in section 1 of this ETA on substrates**) of calcium silicate boards, gypsum boards fibre cement boards, cement based boards and watertight boards made from a polystyrene core with a cement based glass fibre reinforced covering comply with Assessment category 2: Bond strength > 0,5 MPa	
Scratching resistance	NPD	
Joint bridging ability	Sikalastic®-220W membrane in combination with either Sika® SealTape B or Sika® SealTape F comply with Assessment category 2: Watertight	
Water tightness around penetrations	Sikalastic®-220W membrane with reinforcements as described in section 1 of this ETA***) comply with Assessment category 2: Watertight	

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	Assessment category 2: Bond strength > 0.5 MPa	
Resistance to temperature	Crack bridging ability after ageing: 1,13 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,4 mm) Assessment category 1: Crack width 0,4 mm	
	1,35 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,5 mm) Assessment category 2: Crack width 0,75 mm	
Resistance to water	Assessment category 2: Bond strength > 0,5 MPa	
Resistance to alkalinity	Assessment category 2: Bond strength > 0,5 MPa	
Repairability	Repairable	ETAG 022 – Part 1
Thickness	The required weight (wet) of the Sikalastic®-220W membrane is 2,83 kg/m ² pr. mm dry thickness of the layer. The minimum thickness of the membrane shall be 0,4 mm.	
Applicability	Applicable	
Sustainable use of natural resources	NPD	

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: Nikos Anagnostopoulos
Function: TMM Refurbishment
At Athens on 23 April 2020

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





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

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FULL CE MARKING

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Sika Services AG, Zurich, Switzerland
DoP No. 29659032
ETAG 022 - Part 1
Notified Body 0761
Liquid applied watertight covering kit for wet room floors and walls

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Reaction to fire	Euroclass E
Dangerous substances	The kit does not contain/release DS specified in TR 034, dated March 2012 *)
Vapour permeability)	50% (membrane with primer when tested at 23°C and RH 93)
Vapour permeability S _d	18,7 m (equivalent to Z _v = 701.250 s/m with 1130 g/m ² Sikalastic®-220W membrane in two applications) value of the kit without primer applied to the gypsum board
Water tightness	Watertight according to EN 14891
Crack bridging ability	1,13 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,4 mm). Assessment category 1:Crack width 0,4 mm 1,35 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,5 mm). Assessment category 2:Crack width 0,75 mm Sikalastic®-220W membrane and the each of the tile adhesives mentioned in section 1 of this ETA on a concrete substrate all comply with Assessment category 2: Bond strength > 0,5 MPa
Bond strength	Sikalastic®-220W membrane and the each of the tile adhesives mentioned in section 1 of this ETA on substrates**) of calcium silicate boards, gypsum boards fibre cement boards, cement based boards and watertight boards made from a polystyrene core with a cement based glass fibre reinforced covering comply with Assessment category 2: Bond strength > 0,5 MPa
Joint bridging ability	Sikalastic®-220W membrane in combination with either Sika® SealTape B or Sika® SealTape F comply with Assessment category 2: Watertight
Water tightness around penetrations	Sikalastic®-220W membrane with reinforcements as described in section 1 of this ETA comply with Assessment category 2: Watertight Assessment category 2: Bond strength > 0,5 MPa
Resistance to temperature	Crack bridging ability after ageing: 1,13 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,4 mm) Assessment category 1: Crack width 0,4 mm 1,35 kg/m ² membrane Sikalastic®-220W applied in two layers (equivalent thickness of membrane = 0,5 mm) Assessment category 2: Crack width 0,75 mm
Resistance to water	Assessment category 2: Bond strength > 0,5 MPa
Resistance to alkalinity	Assessment category 2: Bond strength > 0,5 MPa
Thickness	The required weight (wet) of the Sikalastic®-220W membrane is 2,83 kg/m ² pr. mm dry thickness of the layer. The minimum thickness of the membrane shall be 0,4 mm
Repairability	Repairable
Applicability	Applicable

<http://dop.sika.com>

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CE MARKING TO BE PLACED ON THE LABEL

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ETAG 022 - Part 1
Notified Body 0761
Liquid applied watertight covering kit for wet room floors and walls
For details see accompanying documents
http://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 Sikas 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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Sika Hellas ABEE
Protomagias 15
14568 Kryoneri
Attica - Greece
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