BUILDING TRUST

Sikasil® IG-25 HM Plus

DECLARATION OF PERFORMANCE
No. 70119976

1	**UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:**	70119976
2	**INTENDED USE/S**	ETA-11/0391/ ETAG 002 Part 1 Edition March 2012 used as EAD Structural Sealant Glazing Kit: Structural Sealant
3	**MANUFACTURER:**	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	**AUTHORISED REPRESENTATIVE:**	
5	**SYSTEM/S OF AVCP:**	System 1 for SSGS kit Types II and IV, System 2+ for SSGS kit Types I and III
6b	**EUROPEAN ASSESSMENT DOCUMENT:**	Guideline for European technical approval (ETAG) No. 002 Structural Sealant Glazing Systems (SSGS) - Part 1: Structural Sealant Glazing System, edition March 2012, used as European Assessment Document (EAD)
	European Technical Assessment:	ETA-11/0391 of 08/11/2016
	Technical Assessment Body:	Österreichisches Institut für Bautechnik
	Notified body/ies:	0757

7 DECLARED PERFORMANCE/S

The assessment of the fitness for use of the structural sealants for the intended use in relation to the basic requirements for construction works are carried out in accordance with ETAG 002 - Part 1.

Basic requirements for construction works		
BWR2	Reaction to fire	NPD
BWR3	Dangerous substances	NPD
BWR4	Design stress in tension σ_{des}	0.19 MPa
	Design stress in dynamic shear τ_{des}	0.13 MPa
	Design stress in static shear τ_{∞}	0.011 MPa
	Elastic modulus in tension or compression E	2.58 MPa
	Elastic modulus in shear tangential to G	0.86 MPa
	Elastic modulus in tension at 12.5% elongation $K_{12.5}$	4.80 MPa
	Resistance to tearing	1.10
	Colour	Black, grey S6
	Working time at 23°C 50 % RH	approx. 20 min
	Tack free time at 23°C 50 % RH	180 min
	Minimum time before transportation of the bonded unit	3 days
	Specific mass V_{mean}	1.44 kg/l
	Hardness A	63
	Thermogravimetric analysis	Curve kept in ETA technical file
	Water vapour permeability	15.7 ±0.2 g/(m^2 *24h)
	Gas (Argon) permeability (2 mm foil)	0.59 ±0.04 g/ m^2 h
	Gas leakage rate (EN 1279-3)	0.38 – 0.56 % a^{-1}
BWR6	Thermal conductivity λ	0.35 W/(m K)
BWR7	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: Stamatios Kollias
Function: TMM Industry / Sealing & Bonding Manager
At Athens on 28 January 2020

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Name: Alexandros Melissourgos
Function: Technical Manager

At Athens on 28 January 2020

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

CE MARKING

CE
11
Sika Services AG, Zurich, Switzerland
70119976
ETAG 002 Part 1 Edition March 2012 used as EAD
Notified Body 0757
Structural Sealant Glazing Kit: Structural Sealant

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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

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