

Sika ThermoCoat[®] System

DECLARATION OF PERFORMANCE No. 50808934

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	50808934
2	INTENDED USE/S:	ETA 11/0358 acc. to EAD 040083-00-0404 External Thermal Insulation Composite Systems (ETICS) with renderings
3	MANUFACTURER:	Sika Hellas ABEE 15 Protomagias Str. GR 145 68 Kryoneri Athens - Greece www.sika.gr
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 2+
6a	EUROPEAN ASSESSMENT DOCUMENT:	EAD 040083-00-0404
	European technical Assessment:	ETA 11/0358 acc. to EAD 040083-00-0404
	Notified body/ies:	1219

Declaration of Performance

Sika ThermoCoat[®] System
50808934
2022.02 Version 1
1200

7 DECLARED PERFORMANCE/S:

Essential Characteristics		Performance EPS	Performance MW	Harmonised Technical Specification
Reaction to fire		B- s1,do	B- s1,do A2-s1,do *	EAD 040083-00-0404
Water absorption		After 1h: < 1 kg/m ² After 24h: < 0.5 kg/m ²		
Hygrothermal behaviour		Resistant to hygrothermal cycles		
Freeze / thaw behaviour		Freeze / thaw resistant		
Impact resistance	Smallest size grading particles	One layer of standard mesh		
		Class III	Class II	
		Class II*	Class I*	
		Double layer of standard mesh		
	Class II		Class I	
	Biggest size grading particles	One layer of standard mesh		
		Class II	Class II Class I *	
		Double layer of standard mesh		
Class II		Class I		
Water vapour permeability		Equivalent air thickness ≤ 1m		
Dangerous substances		acc. to § 3.2 of ETA 11/0358		
Bond Strength	Between base coat and thermal insulation product			
	Initial state ≥ 0.08 Mpa	Failure of thermal insulation product		
	After hygrothermal cycles ≥ 0.08 Mpa	Failure of thermal insulation product		
	Between adhesive and thermal insulation product			
	Initial state ≥ 0.08 Mpa	Not required		
	Immersion 48h and 2h drying ≥ 0.03 Mpa			
	Immersion 48h and 7h drying ≥ 0.08 Mpa			
	Between adhesive and substrate			
	Initial state ≥ 0.25 Mpa			
	Immersion 48h and 2h drying ≥ 0.08 Mpa			
Immersion 48h and 7h drying ≥ 0.25 Mpa				
Thermal resistance		acc. to § 3.4 of ETA 11/0358		

*With final renders of Sika ThermoCoat® Fire range

**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: Target Market Manager
Refurbishment
At Athens on 11 February 2022

Name: Angeliki Zacharopoulou
Function: QEHS Manager

At Athens on 11 February 2022



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

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DoP No 50808934

Sika Hellas ABEE, Athens - Greece

Notified Body 1219

ETA 11/0358 acc. to EAD 040083-00-0404

External Thermal Insulation Composite System with rendering for use on building walls

		Performance EPS	Performance MW
Reaction to fire		B- s1,do	B- s1,do A2-s1,do *
Water absorption		After 1h: < 1 kg/m2 After 24h: < 0.5 kg/m2	
Hygrothermal behaviour		Resistant to hygrothermal cycles	
Freeze / thaw behaviour		Freeze / thaw resistant	
Impact resistance	Smallest size grading particles	One layer of standard mesh	
		Class III	Class II
		Class II*	Class I*
		Double layer of standard mesh	
		Class II	Class I
	Biggest size grading particles	One layer of standard mesh	
		Class II	Class II Class I *
		Double layer of standard mesh	
Class II		Class I	
Water vapour permeability		Equivalent air thickness ≤ 1m	
Dangerous substances		acc. to § 3.2 of ETA 11/0358	
Bond Strength		Between base coat and thermal insulation product	
		Initial state ≥ 0.08 Mpa	Failure of thermal insulation product
		After hygrothermal cycles ≥ 0.08 Mpa	Failure of thermal insulation product
		Between adhesive and thermal insulation product	
		Initial state ≥ 0.08 Mpa	Not required
		Immersion 48h and 2h drying ≥ 0.03 Mpa	
		Immersion 48h and 7h drying ≥ 0.08 Mpa	
		Between adhesive and substrate	
Initial state ≥ 0.25 Mpa			
Immersion 48h and 2h drying ≥ 0.08 Mpa			
Immersion 48h and 7h drying ≥ 0.25 Mpa			
Thermal resistance		acc. to § 3.4 of ETA 11/0358	

*With final renders of Sika ThermoCoat® Fire range

<http://dop.sika.com>

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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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