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# Sarnafil® TS 77-18

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## DECLARATION OF PERFORMANCE

### No. 78669539

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1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	78669539
2	<b>INTENDED USE/S</b>	EN 13956:2012 Flexible sheets for waterproofing, plastic and rubber sheets for roof waterproofing
3	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	<b>AUTHORISED REPRESENTATIVE:</b>	
5	<b>SYSTEM/S OF AVCP:</b>	System 2+ for type testing System 3 for reaction to fire
6a	<b>HARMONISED STANDARD:</b>	EN 13956:2012
	Notified body/ies:	1213

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## 7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Reaction to fire	Class E	System 3	
Watertightness	Pass	System 2+	
Tensile properties:			
Tensile strength			
Longitudinal (md) <sup>1</sup>	≥ 1000 N / 50 mm	System 2+	
Transversal (cmd) <sup>2</sup>	≥ 900 N / 50 mm		
Elongation			
Longitudinal (md) <sup>1</sup>	≥ 13 %	System 2+	
Transversal (cmd) <sup>2</sup>	≥ 13 %		
Root resistance	Pass	System 2+	
Resistance to static loading	20 kg	System 2+	
Resistance to impact			
Hard substrate	≥ 1000 mm	System 2+	
Soft substrate	≥ 1250 mm		
Tear resistance			
Longitudinal (md) <sup>1</sup>	≥ 300 N	System 2+	
Transversal (cmd) <sup>2</sup>	≥ 300 N		
Joint strength:			
Joint peel resistance	Failure mode: C No failure of the joint	System 2+	
Joint shear resistance	≥ 500 N / 50 mm	System 2+	
Durability			
UV exposure	Pass (> 5000 h / grade 0)	System 2+	
Foldability at low temperature	≤ -40 °C	System 2+	
Dangerous substances	NPD	System 2+	

<sup>1</sup>md = machine direction

<sup>2</sup>cmd = cross machine direction

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

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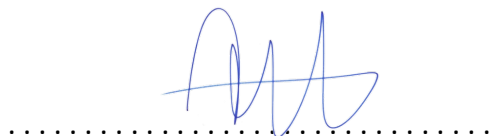
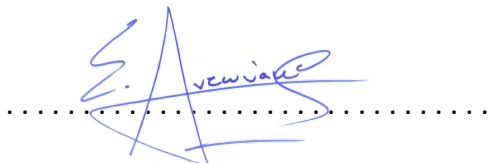
The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

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Name: Stamatis Antonakos  
Function: Target Market Manager  
Roofing & Waterproofing  
At Athens on 01 April 2019

Name: Alexandros Melissourgos  
Function: Technical manager  
At Athens on 01 April 2019



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

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Sika Services AG, Zurich, Switzerland

DoP No. 78669539

EN 13956:2012

Notified Body 1213

Flexible sheets for waterproofing, plastic and rubber sheets for roof waterproofing

Reaction to fire	Class E
Watertightness	Pass
Tensile properties:	
Tensile strength	
Longitudinal (md) <sup>1</sup>	≥ 1000 N / 50 mm
Transversal (cmd) <sup>2</sup>	≥ 900 N / 50 mm
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Joint strength:	
Failure mode: C	
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Joint shear resistance	≥ 500 N / 50 mm
Durability	
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Foldability at low temperature	≤ -40 °C

<sup>1</sup> md = machine direction

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<http://dop.sika.com>

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## ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH) REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1% (w/w).

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### 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  
[www.sika.gr](http://www.sika.gr)

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