

# SikaShield® P45 MG RO 4,5 kg/m<sup>2</sup>

## DECLARATION OF PERFORMANCE No 49840631

1	<b>Unique identification code of the product-type:</b>	49840631
2	<b>Intended use/es:</b>	Roof waterproofing subject to reaction to fire — Reinforced bitumen sheets Roof waterproofing — Reinforced bitumen sheets
3	<b>Manufacturer:</b>	Sika Services AG Tüffenwies 16 8064 Zürich Switzerland
5	<b>System/s of AVCP:</b>	System 3 (Roof waterproofing subject to reaction to fire) System 2+ (Roof waterproofing)
6a	<b>Harmonised standard:</b>	EN 13707:2004+A2:2009
	Notified body/ies:	0987, 0958

### Declaration of performance

SikaShield® P45 MG RO 4,5 kg/m<sup>2</sup>

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**Declared performance/s:**

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Reaction to fire	Class E	System 3	EN
Watertightness	Pass	System 2+	13707:2004+ A2:2009
Tensile strength	Maximum tensile force - longitudinal (MD)	650 N/50 mm ± 130 N/50 mm	System 2+
	Maximum tensile force - transversal (CMD)	500 N/50 mm ± 100 N/50 mm	
	Elongation at maximum tensile force - longitudinal (MD)	40 % ± 20 %	
	Elongation at maximum tensile force - transversal (CMD)	40 % ± 20 %	
Root resistance	NPD	System 2+	
Resistance to static loading	≥ 20 kg	System 2+	
Resistance to impact	NPD	System 2+	
Resistance to tearing	NPD	System 2+	
Joint strength	Shear Resistance - longitudinal (MD)	650 N/50 mm ± 130 N/50 mm	System 2+
	Shear Resistance - transversal (CMD)	500 N/50 mm ± 100 N/50 mm	
Durability	NPD	System 2+	
Pliability	≤ -10 °C	System 2+	
Dangerous substances	NPD	System 2+	

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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: Tomek Gutowski


Name: Maciej Michalewski

Function: Corporate Standardisation and Approvals

Function: Standardisation and Approvals

At Warsaw on 2022/05/06

At Warsaw on 2022/05/06



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End of information as required by Regulation (EU) No 305/2011 of the European Parliament and of the Council of  
9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing  
Council Directive 89/106/EEC Text with EEA relevance

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Sika Services AG, Zürich, Switzerland

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Reaction to fire	Class E	
Tensile strength	Maximum tensile force - longitudinal (MD)	650 N/50 mm ± 130 N/50 mm
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Joint strength	Shear Resistance - longitudinal (MD)	650 N/50 mm ± 130 N/50 mm
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Pliability	≤ -10 °C	

EN 13707:2004+A2:2009

0987, 0958

Roof waterproofing subject to reaction to fire — Reinforced bitumen sheets  
Roof waterproofing — Reinforced bitumen sheets<http://dop.sika.com>**ECOLOGY, HEALTH AND SAFETY (REACH)**

For information and advice on the safe handling, storage and use of this product, users shall refer to the most recent Product Data Sheet (PDS).

**LEGAL NOTES**

Any information provided in this Declaration of Performance ("DoP"), including any descriptions and recommendations relating to the application and end-use of any Sika products ("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. Please note that the materials, substrates and actual site conditions may vary considerably, and therefore Sika makes no warranty for merchantability or fitness for a particular purpose, and accepts no liability for the application and use of the Products, for any recommendations, or for any advice offered. Prior to using, the Product must be tested for its suitability for the intended application and purpose, and the most recent version of the Product Data Sheet must be consulted. Sika reserves the right to change the properties of its Products any time without prior notice. Any orders for Products or services provided by Sika are subject to Sika's current terms and conditions of sale.

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