

# SikaShield® HB79 MG 4 mm

## DECLARATION OF PERFORMANCE

### No 11008546

1	Unique identification code of the product-type:	11008546
2	Intended use/es:	Roof waterproofing subject to external fire performance — Reinforced bitumen sheets Roof waterproofing subject to reaction to fire — Reinforced bitumen sheets Roof waterproofing — Reinforced bitumen sheets
3	Manufacturer:	Sika Services AG Tüffenwies 16 8064 Zürich Switzerland
5	System/s of AVCP:	System 3 (Roof waterproofing subject to external fire performance) System 3 (Roof waterproofing subject to reaction to fire) System 2+ (Roof waterproofing)
6a	Harmonised standard:	EN 13707:2004+A2:2009 Flexible sheets for waterproofing — Reinforced bitumen sheets for roof waterproofing — Definitions and characteristics
Notified body/ies:		0987, 1370

#### Declaration of performance

SikaShield® HB79 MG 4 mm

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**Declared performance/s:**

Essential Characteristics	Performance		AVCP	Harmonised Technical Specification
External fire performance	B <sub>roof</sub> t4		System 3	EN 13707:2004+ A2:2009
Reaction to fire	Class E		System 3	
Watertightness	Pass		System 2+	
Tensile strength	Maximum tensile force - longitudinal (MD)	750 N/50 mm ± 150 N/50 mm	System 2+	
	Maximum tensile force - transversal (CMD)	650 N/50 mm ± 130 N/50 mm		
	Elongation at maximum tensile force - longitudinal (MD)	50 % ± 15 %		
	Elongation at maximum tensile force - transversal (CMD)	50 % ± 15 %		
Root resistance	NPD		System 2+	
Resistance to static loading	≥ 20 kg		System 2+	
Resistance to impact	≥ 1250 mm		System 2+	
Resistance to tearing	Longitudinal (MD)	250 N ± 75 N	System 2+	
	Transversal (CMD)	250 N ± 75 N		
Joint strength	Shear Resistance - longitudinal (MD)	650 N/50 mm ± 130 N/50 mm	System 2+	
	Shear Resistance - transversal (CMD)	550 N/50 mm ± 110 N/50 mm		
	Peel resistance - transversal (CMD)	150 N/50 mm ± 30 N/50 mm		
	Peel resistance - longitudinal (MD)	150 N/50 mm ± 30 N/50 mm		
Durability	Flexibility at low temperature	-20 °C + 10°C	System 2+	
Pliability	≤ -25 °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 2022/03/14

At Warsaw on 2022/03/14



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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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External fire performance	B <sub>roof</sub> t4	
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EN 13707:2004+A2:2009

0987, 1370

Roof waterproofing subject to external fire performance — Reinforced bitumen sheets  
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).

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## 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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