

SikaShield® E-4 sk-wf/Safeguard

DECLARATION OF PERFORMANCE

Nr. 45280660

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	45280660
2	INTENDED USE/S:	Reinforced bitumen sheets for roof waterproofing - Multilayer system without permanent heavy surface protection (e.g. ballast) Underlay and intermediate layer - Multilayer system for roof gardens and under permanent heavy surface protection (e.g. ballast) Top layer
3	MANUFACTURER:	Sika Österreich GmbH Dörrstraße 1 A-6020 Innsbruck Austria
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 2+ System 3 - External fire performance - Reaction to fire
6a	HARMONISED STANDARD:	EN 13707:2004 + A2:2009
	Notified body/ies:	1139

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45280660

01.09.2024, Version 1

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7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonized Technical Specification
External fire performance	NPD according to system tests	System 3	EN 13707:2004 + A2:2009
Reaction to fire	E	System 3	
Watertightness, process B	passed	System 2+	
Tensile strength	longitudinal: 800 N/50 mm transverse: 600 N/50 mm	System 2+	
Elongation	longitudinal: 35 % transverse: 35 %	System 2+	
Root resistance	passed	System 2+	
Resistance to static loading	NPD	System 2+	
Resistance to impact	NPD	System 2+	
Tear resistance	longitudinal: 200 N transverse: 200 N	System 2+	
Joint strength - Shear resistance	NPD	System 2+	
Flexibility at low temperature (Pliability)	≤ -20 °C	System 2+	
Dangerous substances	no	System 2+	

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:

Raimund Ertl, Ing.
Head of Technical Service
Bitumen Sealing
Innsbruck, 01.09.2024



Nadine Sonderegger
Head of Research Development and
Quality Assurance
Innsbruck, 01.09.2024



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

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Sika Österreich GmbH, Innsbruck

DoP Nr. 45280660

1139-CPR-0022/06

EN 13707:2004 + A2:2009

Reinforced bitumen sheets for roof waterproofing
- Multilayer system without permanent heavy surface protection (e.g. ballast)
Underlay and intermediate layer
- Multilayer system for roof gardens and under permanent heavy surface protection (e.g. ballast)
Top layer

SikaShield® E-4 sk-wf/Safeguard
Self adhesive-Elastomeric bitumen-Green roof membrane with polyester fleece inlay
Surface top/down: foil/silicone peel-off film
1 m x 10 m x 4.0 mm

Reaction to fire	E
Watertightness, process B	passed
Tensile strength	longitudinal: 800 N/50 mm transverse: 600 N/50 mm
Elongation	longitudinal: 35 % transverse: 35 %
Root resistance	passed
Resistance to static loading	NPD
Resistance to impact	NPD
Tear resistance	longitudinal: 200 N transverse: 200 N
Flexibility at low temperature (Pliability)	≤ -20 °C
Dangerous substances	no

<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 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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