

BUILDING PRODUCT INFORMATION SHEET

Sika® Window Tape One

Multifunctional tape for tight window installation

DESCRIPTION

Sika® Window Tape One is a multifunctional special tape with outstanding qualifications. It has an optimal vapour diffusion gradient from inside to outside which assures efficient humidity transport towards the cold side and fast drying of the joint.

USES

Sika® Window Tape One is designed for efficient installation of windows and doors, and ensures driving rain tightness, thermal insulation and air tightness.

FEATURES

- Very good air tightness
- Sound and thermal insulation
- Driving rain tight (1,000 Pa)

PRODUCT INFORMATION

Product identifier	Sika® Window Tape One				
Place of manufacture	Overseas				
Composition	Impregnated polyurethane soft foam with special foil				
Packaging	Type of tape*	Joint width [mm]	m per roll	m per box	Frame thickness
	64 / 5-30	5-30	12	72	70
	* 1st figure = width of the tape				
	2nd figure = width of the joint (consider future joint movement)				
	e.g. 64 / 5-30 = tape 64 mm wide for joints 5-30 mm wide				
Shelf life	Sika® Window Tape One has a shelf life of 12 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.				
Storage conditions	Sika® Window Tape One shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C.				
Appearance and colour	Black, pre-compressed rolls				

TECHNICAL INFORMATION

Thermal conductivity	≤ 0.048 W/m*K (λ-value)	(ISO 12667)
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- Optimal humidity transport towards outside
- Reduces convection heat loss
- Efficient and cost reduced installation
- Suitable for "Passive-House" standards
- Very low emissions

SUSTAINABILITY

EMICODE EC1^{PLUS}

APPROVALS / CERTIFICATES

- Fire resistant class B1 DIN 4102
- ift Rosenheim external control
- DIN 18542 BG 1 AND BGR

Sound insulation	45 dB at 10 mm joint width	
Service temperature	-30 °C to +80 °C	
Driving rain tightness	≥ 1,000 Pa	(EN 1027)
Joint permeability to water vapour	$a \leq 0.00 \text{ m}^3/(\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3})$ ift Rosenheim external controlled	(EN 1026)
Equivalent air layer thickness for water vapour	50 : 1 (≥ 25 m approx. inside; ≤ 0.5 m outside, S_d value)	(ISO 12572)

SYSTEM INFORMATION

Compatibility	Requirements fulfilled	(DIN 18542)
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MANUFACTURER AND IMPORTER INFORMATION

Manufacturer information	Address	Sika Supply Centre AG Industriestrasse 26 6060, Sarnen Switzerland	
	Importer information	Address	Sika (NZ) Limited 85-91 Patiki Road Avondale, Auckland 1026 New Zealand
	Phone number	0800 745 269	
	Website	https://nzl.sika.com/	
	Email address	info@nz.sika.com	
	NZBN	9429000018791	

BUILDING CODE INFORMATION

Building Code clauses	B2 Durability: Performance clause B2.3.1 - (b) 15 years F2 Hazardous Building Materials: Performance clause F2.3.1
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Building Code compliance statements	<p>Performance B2.3.1 (b) 15 years: This product has been evaluated in accordance with B2/VM1. It meets this durability requirement and will remain serviceable for 15 years, or more, when installed and maintained in accordance with the relevant Sika technical literature. nzl.sika.com. According to Sika's "Service Improvement" records, maintained within its ISO9001:2015 Quality Management System, this product has performed successfully since it was introduced in 2014.</p> <p>Performance F2.3.1: This product meets this requirement when used and applied in accordance with Sika's installation instructions and does not present a health hazard to people occupying or using the building. Refer to the Sika Product Technical Data sheet and product Safety Data Sheet nzl.sika.com for further information if required</p>
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BASIS OF PRODUCT DATA

All technical data in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

High temperatures accelerate the expansion of the tape, low temperatures decelerate the expansion of the tape. Best results are achieved if the tape is installed at temperatures between +15 and +25 °C. At 23 °C Sika® Window Tape One has to be applied within 30 minutes.

ECOLOGY, HEALTH AND SAFETY

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).

APPLICATION INSTRUCTIONS

DESIGN REQUIREMENTS

Sikaflex Elastomeric Sealants - Joint design and movement calculation guide nzl.sika.com

Sika Sealant Selector Guide, Consumption Guide and Best Practice Tips nzl.sika.com

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance and other poorly adhering contaminants must be removed.

APPLICATION

For application instructions please see the Method Statement for Sika® Window Tape One.

MAINTENANCE REQUIREMENTS

There are no maintenance requirements for this Sika product

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

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 product's 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

The building product/building product line is not subject to warning or ban under section 26 of the Building Act 2004.

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NZ BUILDING PRODUCT INFORMATION SHEET

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