

BUILDING PRODUCT INFORMATION SHEET

Sika® Damp Stop

TWO PART WATER BASED MOISTURE BARRIER EPOXY COATING FOR CONCRETE AND MASONRY WALLS AND FLOORS

DESCRIPTION

Sika® Damp Stop provides a moisture barrier for interior and exterior concrete or masonry surfaces. This prevents ingress of water vapour and will protect linings and furnishings.

USES

Sika® Damp Stop is designed for sealing concrete and masonry walls and floors from moisture or rising damp. Sika® Damp Stop is not designed to be crack bridging and will not stop flowing water.

FEATURES

- Water based - easy to apply
- Dries in 4 hours
- Non-toxic and odourless
- Can be applied to damp or fresh concrete
- Moss and mould resistant

APPROVALS / CERTIFICATES

- Hydrostatic pressure tested to ASTM 1306C-05A - exceeds 45 psi or 310 kPa.
- Water Vapor Transmission rate tested to ASTM E96/E at <0.28 g/h/m² (or 864 MNs/g).

PRODUCT INFORMATION

Product Identifier	Sika® Damp Stop
Place of manufacture	Aotearoa New Zealand
Packaging	4 litre unit (A + B)
Shelf life	Twelve (12) months when stored as stated.
Storage conditions	Store in unopened original containers in cool dry conditions.
Colour	White when mixed.
Density	Mixed 1.10 kg/litre

APPLICATION INFORMATION

Mixing ratio	1:1 by weight or volume
Consumption	First coat: 6-8 m ² /litre. Second coat: 8-10 m ² /litre. A 4 litre unit will cover 10-15 m ² for a total 2-coat application depending on surface absorbency and profile.
Pot Life	2 hours @ +20 °C
Waiting time to overcoating	8 hours @ +20 °C (max. 48 hours), 12 hours @ +10 °C (max. 48 hours)
Drying time	TOUCH DRY TIME: 4 hours @ +20 °C, 8 hours @ +10 °C

MANUFACTURER AND IMPORTER INFORMATION

Manufacturer 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-(a) not less than 50 years F2 Hazardous Building Materials: Performance clause F2.3.1
Building Code compliance statements	Performance B2.3.1 (a) 50 years: This product has been evaluated in accordance with B2/VM1. It meets this durability requirement and will remain serviceable for 50 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 2010. 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

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.

FURTHER DOCUMENTATION

OVERPAINTING: Sika® Damp Stop is available in White and does not need to be overpainted. However, if painting is required, Sika® Damp Stop may be overcoated with a variety of paints.

A paint trial is recommended to test compatibility. Apply paint after 8 hours and before 48 hours after application of the final coat of Sika® Damp Stop. Do not apply outside these time periods.

IMPORTANT CONSIDERATIONS

- Do not apply to surface where there is free water or flowing water.
- Do not dilute.
- Do not apply if temperature is less than +10 °C or likely to fall below +10 °C during the drying period.
- Do not leave exposed to sunlight for longer than 30 days, the product should be coated/covered to prevent chalking if left open to the elements for long periods.

ECOLOGY, HEALTH AND SAFETY

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- Ensure all surfaces are dry, sound and free from dirt, grease and laitance.
- Make good all surfaces; fill all pore holes and 'bag' the surface of porous masonry with appropriate Sika MonoTop repair mortar prior to application of Sika® Damp Stop. Ideally honed masonry should be used.
- Sika® Damp Stop will tolerate a damp surface but will not tolerate any free standing water or excessively saturated surfaces as this will prevent the product curing.
- If surfaces are wet, dry off then apply Sika® Damp Stop before moisture returns.

MIXING

It is best practice to mix full units. Where smaller areas are to be coated it may be necessary to mix part units. In this case, a strict mix ratio of 1 : 1 by weight or volume must be adhered to. All mixed product should be used immediately as pot life is approximately 2 hours @ +20 °C.

TO MIX A FULL UNIT: Add ALL of Part B (Hardener) to Part A (Base). Mix thoroughly with a mixing paddle attached to a slow speed drill at 200-300rpm for 2 minutes, ensuring no air is entrained while mixing. Scrape down sides of tin and mix for another 2 minutes.

NZ BUILDING PRODUCT INFORMATION SHEET

Sika® Damp Stop
12/12/2024 File version 1.0
020811010020000034

MAINTENANCE REQUIREMENTS

Annual (or sooner if required) visual inspections of the membrane system should be undertaken to ensure that it has not been damaged. If necessary contact Sika on 0800SIKANZ for further information

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.

Sika (NZ) Limited

85-91 Patiki Road
Avondale, Auckland 1026
New Zealand
0800 745 269
www.sika.co.nz

NZ BUILDING PRODUCT INFORMATION SHEET

Sika® Damp Stop
12/12/2024 File version 1.0
020811010020000034

NZBPIS-109065-7502-7502-en-GB-1.0