

BUILDING PRODUCT INFORMATION SHEET

Sika® Tite Undertile

FLEXIBLE, ONE PART, WATERBASED WATERPROOFING FOR USE UNDER FINISHES

DESCRIPTION

Sika® Tite Undertile is a highly flexible, fast-drying, Styrene Butadiene Rubber latex modified waterproofing membrane. Sika® Tite Undertile has excellent adhesion to most common building substrates and is suitable for internal and external waterproofing of shower recesses, bathrooms, balconies, roofs and decks.

USES

- Concrete
- Sand / cement screeds
- Cement render
- Fibrous cement sheeting

- Structural particle board sheeting
- Compressed fibrous cement sheeting
- Water resistant platerboard
- Structural plywood sheeting

FEATURES

- High Extensibility >300%
- Micro fibre enhanced reinforcement (Grey)
- Internal and external covered applications
- One part - No mixing, ready to use
- Water based - Low VOC's, Non hazardous
- Compatible with Sika® range of tile adhesives

PRODUCT INFORMATION

Product identifier	Sika® Tite Undertile
Place of manufacture	Overseas
Packaging	15 Litre plastic pails
Shelf life	12 months from date of manufacture in original, sealed containers, if the storage conditions are met.
Storage conditions	Store in dry, weatherproof environment, protected from direct sunlight at temperatures between +5°C and +25°C
Colour	Grey

APPLICATION INFORMATION

Consumption	FLOORS: Apply two coats to achieve a minimum dry film thickness of 1.0mm. Application coverage rate of 1L/m ² per coat. WALLS: Apply two coats to achieve a minimum dry film thickness of 0.5mm. Application coverage rate of 0.5L/m ² per coat. Coverage may vary depending on substrate and application method.
Curing time	Allow a minimum of 12 hours curing prior to applying finished covering, and a minimum of 72 hours to cure before flood testing. Allow longer in adverse weather conditions.

MANUFACTURER AND IMPORTER INFORMATION

Manufacturer information	Address	Sika Australia Pty Ltd
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55 Elizabeth St
Wetherill Park, Sydney
NSW, Australia

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
E2 External Moisture: Performance clause E2.3.1 and E2.3.2
E3 Internal Moisture: Performance Clauses E3.3.3, E3.3.4, E3.3.5, E3.3.6
F2 Hazardous Building Materials: Performance clause F2.3.1

Building Code compliance statements

Performance B2.3.1 (b) 15 years: The BRANZ appraisal for this product states that, in their opinion, it achieves this durability requirement, when installed and maintained in accordance with the BRANZ Appraisal and relevant Sika technical literature. nzl.sika.com.

Performance E2.3.1 and E2.3.2: The BRANZ Appraisal for this product states that it meets the E2.3.1 and E2.3.2 weathertightness requirements when installed in accordance with the BRANZ Appraisal and relevant Sika technical literature nzl.sika.com

Performance E3.3.3, E3.3.4, E3.3.5, E3.3.6: This product has been BRANZ appraised. It meets the NZ Building Code E3 Internal Moisture requirements when designed and installed in accordance with the requirements of E3/AS1, E3/AS2-Internal Wet Area Membrane Systems (WMA Code of Practice for Internal Wet Membrane Systems (2020)), the appropriate BRANZ Appraisal (No. 724 (2023)) and relevant Sika technical literature (Code of Practice, BRANZ appraisals and Sika literature available at nzl.sika.com).

Performance F2.3.1. The BRANZ Appraisal for this product nzl.sika.com states that, in their opinion, it meets this requirement and does not present a health hazard to people. Refer to the 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.

IMPORTANT CONSIDERATIONS

LIMITATIONS

- Sika® Tite Undertile is not suitable for negative hydrostatic head of water pressure.
- Sika® Tite Undertile must not be applied over damp or wet substrates
- Sika® Tite Undertile must not be applied in rain or if bad weather is imminent.
- Sika® Tite Undertile must not be applied over coatings or contaminations.
- Sika® Tite Undertile must be applied at the recommended coverage rate.

- Sika® Tite Undertile must not be used in submerged applications.
- Sika® Tite Undertile must not be used as a trafficable, exposed or UV stable coating.
- Do not apply Sika® Tite Undertile when the temperature is below 10°C or greater than 35°C.
- Do not allow Sika® Tite Undertile to freeze.
- To eliminate contamination or damage, the finished covering must be applied as soon as Sika® Tite Undertile has cured.
- Timber floors must be overlaid with suitable cement sheeting prior to waterproofing.
- Contact Sika® Technical Services for advice if further information is required.

FURTHER DOCUMENTATION

- Safety Data Sheet (SDS)

NZ BUILDING PRODUCT INFORMATION SHEET

Sika® Tite Undertile
13/12/2024 File version 1.0
02179020220000012

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

INSTALLATION REQUIREMENTS

For compliance with Clauses E2/AS1 and E3/AS2 the membrane system must be installed by, or under the supervision of, an installer certified by Sika and in accordance with the Waterproofing Membrane Association Code of Practice for Internal Wet Area Membranes - Feb 2020, and the relevant Sika technical literature (available at nzl.sika.com).

DESIGN REQUIREMENTS

This product is part of a system that includes primers, reinforcing tapes and other associated products. For full design information refer to the BRANZ Appraisal and the relevant Sika product data sheets for further support

The substrate that the membrane will be applied to must be in accordance with the NZBC to a relevant standard, such as NZS3101 for concrete, NZS 4230 or NZS 4229 for concrete masonry and NZS 3604 for timber framed Buildings.

In accordance with E3/AS1 and E3/AS2 membrane systems must be specified by the tile manufacturer (supplier) as being suitable for the tiles and the environment. And the system must be designed in accordance with the Waterproofing Membrane Association Code of Practice for Internal Wet Area Membranes - Feb 2020 and relevant Sika technical literature available at nzl.sika.com

CLEANING OF EQUIPMENT

Clean tools and equipment with clean water while the material is still wet. Cured coating can only be removed mechanically.

MAINTENANCE REQUIREMENTS

No maintenance of the Sika membrane system will be required, provided that significant substrate movement does not occur within the impervious wall / floor lining or finish that has been ap-

plied over the top. Regular checks of the wall / floor finish must be made to ensure that it is sound and will not allow moisture to penetrate it. Any cracks or damage must be repaired immediately, in consultation with the supplier of the lining system

For maintenance of impervious wall and floor lining systems that have been installed to enable compliance with Clause E3/AS1, refer to the supplier of the system installed

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

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