

PRODUCT DATA SHEET

SikaProof® Sandwich Tape-100 IN

Double sided self-adhesive tape for HDPE membranes

DESCRIPTION

SikaProof® Sandwich Tape-100 IN is a unique double sided self-adhesive tape based on polyester film carrier with excellent initial tack. The carrier is coated with a pressure sensitive adhesive on both sides protected with paper release liner on both sides. The carrier film has good mechanical strength and dimensional stability, making the tape very convenient to use. It is used as system accessory for SikaProof® HDPE membrane systems. It gives continuous and integral seal to the structure when used as part of the system.

USES

SikaProof® Sandwich Tape-100 IN are recommended to be used in SikaProof® HDPE membrane systems to achieve excellent bonding and sealing in below applications:

- Sealing of side or end laps
- For patching of damages / punctures
- Sealing terminations
- Detailing applications

CHARACTERISTICS / ADVANTAGES

- Good adhesion and sealing capability
- Good durability
- Self adhesion allows easy and fast installation
- Sealing and jointing of SikaProof® HDPE membranes with other membrane systems
- Patching damaged areas in the SikaProof® HDPE membranes
- Protecting and adhering edges and corners
- Compatible with both plain and sand finished SikaProof® HDPE membranes

PRODUCT INFORMATION

Chemical base	Double sided self adhesive tape based on polyester film carrier, coated with a pressure sensitive adhesive on both sides and protected with paper release film	
Packaging	Width	100 mm
	Length	20 m
	Box	16 rolls
Appearance / Colour	Thin tape / Transparent	
Shelf life	12 months from date of production	
Storage conditions	The product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between +5 °C and +30 °C. Protect from direct sunlight, rain, snow, ice, etc.	

APPLICATION INFORMATION

Ambient Air Temperature	+5 °C min. / +40 °C max.
Substrate Temperature	+5 °C min. / +40 °C max.

SYSTEM INFORMATION

System Structure

System Components

- SikaProof® HDPE sheet membranes
- SikaProof® Sandwich Tape-100 IN for detailing and other connection joints
- Other ancillary system components used for detailing applications

BASIS OF PRODUCT DATA

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

FURTHER DOCUMENTS

- Sika Method Statement : SikaProof®-312 IN HDPE membrane system

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

Strictly follow installation procedures as defined in method statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

SUBSTRATE QUALITY

The contact surfaces of the membrane must be dry, clean and free of materials that could impair adhesion. Contaminants, such as dirt, dust, oil, bitumen and debonding agents, such as surfactants and silicones must be removed.

APPLICATION

The choice of tape depends on the type of membrane used and the type of joints, corners, and edges to be sealed. Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

Side or end lap sealing

1. After laying the SikaProof® HDPE membrane, at end lap remove the sand (for sand finish membrane) using hot air shovel gun for required width. For plain

finish membranes scraping is not necessary at end laps.

2. Unroll the tape, remove the release film from one side of the tape and adhere to the end lap of the membrane. Use a pressure roller to maximize adhesion.
3. Then remove the release film from the second side of the tape and overlap with the second membrane. Once again, use a pressure roller to maximize adhesion.

Detailing / patchwork

1. After laying the SikaProof® HDPE membrane, at detailing area remove the sand (for sand finish membrane) using hot air shovel gun for required width. For plain finish membranes scraping is not necessary.
2. Cut tape to required dimension.
3. Unroll the tape, remove the release film from one side of the tape and adhere to patch zone of membrane. Use a pressure roller to maximize adhesion.
4. Then remove the release film from the second side of the tape and overlap with a piece of membrane of same dimension as tape. Once again, use a pressure roller to maximize adhesion.

Important: The concrete must be poured carefully and consolidated properly to avoid damage to the membrane and tapes.

Important: Avoid sharp objects while consolidating the concrete.

Important: Provide temporary protection from concrete over splash areas of the tape that are adjacent to a concrete pour.

Important: The SikaProof® Sandwich Tape-100 IN is not permanently UV and weather resistant. Therefore, the membrane system must not be installed on structures permanently exposed to UV light and weathering.

Important: SikaProof® Sandwich Tape-100 IN has to be protected as soon as possible or before the backfilling, whichever occurs first.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product

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 can always refer to the most recent version of the local Product Data Sheet for the relevant product, available on our website. The information in any downloaded version is valid as of the time of download.

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Product Data Sheet
SikaProof® Sandwich Tape-100 IN
September 2025, Version 01.01
020720308000000022

SikaProofSandwichTape-100IN-en-VN-(09-2025)-1-1.pdf