

# PRODUCT DATA SHEET

## SikaProof® Primer-01

System primer for self-adhesive waterproofing sheet membrane systems

SIKA NZ  
APPROVED  
CONTRACTOR  
ONLY

### DESCRIPTION

SikaProof® Primer-01 is a synthetic, rubber-based, solvent-dispersed primer. It is an integral component of the post-applied SikaProof® P-12 self-adhesive waterproofing sheet membrane system.

### USES

SikaProof® Primer-01 may only be used by experienced professionals.

SikaProof® Primer-01 is used as a primer for concrete and cementitious substrates as part of the post-applied SikaProof® P-12 self-adhesive waterproofing sheet membrane system.

Please note:

- The Product may only be used by experienced professionals.

### CHARACTERISTICS / ADVANTAGES

- Good adhesion to various substrates
- Good concrete surface stabilisation
- Quick drying, even at low temperatures
- Ready for use
- Easy application
- Applied by brush or roller

### APPROVALS / STANDARDS

- Watertightness SikaProof P-12, WISSBAU, No. 2013-253

### PRODUCT INFORMATION

<b>Chemical Base</b>	Synthetic rubber, solvent-dispersed and resin based primer	
<b>Packaging</b>	12.5 kg containers Refer to the current price list for available packaging variations.	
<b>Colour</b>	Colour	Orange
<b>Shelf Life</b>	18 months from date of production	
<b>Storage Conditions</b>	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight and frost. Always refer to the packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.	
<b>Density</b>	0.84 kg/L	(EN ISO 2811-1)
<b>Flash Point</b>	-20 °C	

Viscosity	(900 ± 100) mPa·s	
Colour	Appearance	Liquid

## APPLICATION INFORMATION

<b>Consumption</b>	100–300 g/m <sup>2</sup>		
	Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.		
<b>Product Temperature</b>	Maximum	+35 °C	
	Minimum	+5°C	
<b>Ambient Air Temperature</b>	Maximum	+35 °C	
	Minimum	+5°C	
<b>Dew Point</b>	Beware of condensation. The substrate and uncured applied product must be at least +3 °C above the dew point to reduce the risk of condensation or blooming on the surface of the applied product. Low temperatures and high humidity conditions increase the probability of blooming.		
<b>Substrate Temperature</b>	Maximum	+35 °C	
	Minimum	+5°C	
<b>Substrate Moisture Content</b>	<b>Substrate</b>	<b>Test method</b>	<b>Moisture content</b>
	Cementitious substrates	Calcium carbide method (CM method)	≤ 4 %
No rising moisture (ASTM D4263, polyethylene sheet)			
<b>Waiting Time / Overcoating</b>	20 minutes at +20 °C		
	Note: Evaporation time is dependent on the substrate, the weather and the amount of primer applied. 1. Let the material dry sufficiently until the surface is no longer tacky (touch-dry).		

## 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.

for more information.

- Special measures may be relevant for the method of application / system installation due to health and safety requirements in accordance with all relevant local regulations (e.g. for solvent containing materials).

## FURTHER DOCUMENTS

Refer to the following Method Statement: Peel & Stick Membranes SikaProof® P

## LIMITATIONS

Installation work must only be carried out by Sika® trained, approved or competent contractors experienced in this type of application.

Reference must also be made to the 'Method Statement - SikaProof® P' for more detailed information.

- Do not apply the primer during rainfall and other wet conditions.
- If SikaProof® Primer-01 has to be applied under wet conditions or temperatures below +5°C. Exceptions are possible under special circumstances with appropriate precautions. Contact Sika® Technical Services

## 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 QUALITY

Concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm<sup>2</sup>) with a minimum tensile adhesion strength of 1,5 N/mm<sup>2</sup>. Substrate must be even, level, clean, dry and free of all contaminants such as dirt, oil, grease and surface treatments.

Weak cementitious substrates must be removed and surface defects such as blow holes and voids must be fully exposed and repaired accordingly.

## SUBSTRATE PREPARATION

### IMPORTANT

#### Surface defects due to voids in the substrate

Voids and blow holes in the substrate will weaken the surface and damage the covering Product if not repaired during the preparation process.

1. Fully expose blow holes and voids during surface preparation to identify the required repairs.

#### Preconditions

The concrete substrate must be hardened, sound, even, level, clean, dry and free of all contaminants such as dirt, oil, grease and surface treatments.

1. Remove weak cementitious substrates.
2. Prepare cementitious substrates mechanically using abrasive blast cleaning or grinding equipment to remove cement laitance
3. Completely remove dust, loose and friable material from all surfaces before application of the Product.
4. Use products from the SikaTop<sup>®</sup>, Sika MonoTop<sup>®</sup> and Sikagard<sup>®</sup> range of materials to level the surface or fill cracks, blow holes and voids.

For additional information on products for leveling and repairing defects, contact Sika<sup>®</sup> Technical Services.

## APPLICATION

### IMPORTANT

#### Strictly follow installation procedures

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

1. Apply the Product onto the prepared substrate by brush or roller. Note Ensure a continuous, pore free coat covers the substrate.

## CLEANING OF TOOLS

Clean all tools and application equipment with suitable cleaner immediately after use. Hardened or cured material can only be removed mechanically.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## 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<sup>®</sup> Corporate Legal in Baar.

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**Product Data Sheet**  
**SikaProof<sup>®</sup> Primer-01**  
February 2025, Version 02.01  
02072030810000001

SikaProofPrimer-01-en-NZ-(02-2025)-2-1.pdf

