

PRODUCT DATA SHEET

SikaProof® Primer-01

SYSTEM PRIMER FOR ADHERED SHEET MEMBRANE WATERPROOFING SYSTEMS

DESCRIPTION

SikaProof® Primer-01 is a synthetic rubber based, solvent-dispersed, primer for use as an integral component of the SikaProof®/ SikaBits® self-adhesive sheet membrane waterproofing systems.

USES

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

To achieve optimum adhesion and to fully bond the following systems:

- SikaProof® P and SikaBit® S-515 - post-applied, self-adhesive sheet membrane waterproofing system: As a primer on concrete and other cementitious substrates.

CHARACTERISTICS / ADVANTAGES

- Advanced adhesion on various substrates
- Good concrete surface stabilisation
- Quick drying time, including at low temperatures
- One-part ready to use
- Applied by brush or roller
- Solvent-dispersed and flammable

PRODUCT INFORMATION

Composition	Synthetic rubber, solvent-dispersed and resin based primer
Packaging	5,0 or 12,5 kg containers
Colour	Orange liquid
Shelf life	12 months from date of production. For expiry date see label.
Storage conditions	Product must be stored in original unopened and undamaged sealed packaging in dry conditions and temperatures between +5 °C and +30 °C. Store in a vertical position. Always refer to packaging. Protect from direct sunlight, rain, snow, ice humidity. Store in vertical position.
Density	~0,84 kg/m ³ (+20 °C)
Flash Point	-20 °C
Viscosity	~900 ±100 mPa·s

APPLICATION INFORMATION

Consumption	~100–300 g/m ² . These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.
Ambient Air Temperature	+ 5 °C min. / + 35 °C max
Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of condensation and reduced adhesion.
Substrate Temperature	Bonded surface: minimum +5 °C (Refer to important considerations for more information)
Substrate Moisture Content	≤ 6 % parts by weight. No rising moisture
Waiting Time / Overcoating	Evaporation time is dependent on the substrate, the weather and the amount of primer applied, generally this is approximately 20 minutes (+20 °C). Let the material dry sufficiently until the surface is no longer tacky. A test is recommended.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum tensile adhesion strength of 1,5 N/mm². 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

SikaProof® P and **SikaBit® S** - post-applied system primer:

Concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum tensile adhesion strength of 1,5 N/mm². Substrate must be even, level, clean, dry and free of all contaminants such as dirt, oil, grease.

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

If the substrate does not fulfil the requirements the surface must be pre-treated prior to the application, in order to prevent any subsequent damage to the waterproofing membrane sheets. The use of SikaProof® Primer-01 is required to ensure an optimal, durable bond to the substrate (this primer is a defined system component).

APPLICATION

Reference must be made to further documentation where applicable, such as relevant method statement and installation or working instructions.

Apply mixed primer onto the prepared substrate by brush or roller. Ensure a continuous, pore free coat covers the substrate.

CLEANING OF EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Hardened material can only be mechanically removed.

FURTHER INFORMATION

- Method Statement: SikaProof® P
- Method Statement: SikaBit® S

IMPORTANT CONSIDERATIONS

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 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).

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.

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.

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.

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.

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