

PRODUCT DATA SHEET

Sikalastic® Roof Primer

MULTI-PURPOSE PRIMER AND SEALER FOR WATER BASED MEMBRANES

DESCRIPTION

Sikalastic® Roof Primer is a single component silicate-modified acrylic based penetrating and film-forming roof primer and sealer for mineral and cementitious materials; it is used for binding, stabilizing and consolidating of various substrates. Sikalastic® Roof Primer can be applied by brush, roller or low-pressure spray.

USES

- Encapsulation of asbestos cement sheeting/ asbestos containing substrates
- Stabilize and consolidate aged and dusty concrete surfaces
- Primer for the Sikalastic®-590 Plus AU roof membrane system
- Sikalastic® Roof Primer is a primer and penetrating sealer

CHARACTERISTICS / ADVANTAGES

- Provides good protection against water and chloride intrusion
- Helps stop efflorescence
- Increases strength within cementitious substrates
- Reduces substrate porosity through crystalline technology
- Consolidates and binds dusty cementitious substrates
- Stops capillary action and moisture migration by creating a negative and positive barrier
- Binds and encapsulates asbestos sheeting

PRODUCT INFORMATION

Composition	Silicate- modified acrylic
Packaging	1 Litre and 4 Litre plastic pails
Colour	Milky white homogenous liquid
Shelf life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging.
Storage conditions	The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Higher storage temperatures may reduce shelf life of product. Reference shall also be made to the storage recommendations within the safety data sheet.
Density	~1.076 kg/L
Solid content by weight	~26.4 % (+23 °C / 50 % r.h.)
Tensile adhesion strength	2.95MPa

Consumption	Approximately 13m ² per Litre (This can fluctuate depending on porosity of substrate)
Drying time	25-30 minutes
Waiting time to overcoating	45 minutes

APPLICATION INSTRUCTIONS

Sikalastic® Roof Primer can be applied to the substrate using a brush, roller or spray applied. For Waiting time/ overcoating please refer to the information on the PDS.

SUBSTRATE QUALITY

- New concrete should be cured for at least 28 days and should have a Pull off strength ≥ 1.5 N/mm².
- Cementitious or mineral based substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and to achieve an open textured surface.
- Loose friable material and weak concrete must be completely removed and surface defects such as blowholes and voids must be fully exposed.
- Repairs to the substrate, filling of joints, blowholes/voids and surface levelling must be carried out using appropriate products from the Sika-floor®, SikaDur® and SikaGard® range of materials.
- Outgassing is a naturally occurring phenomenon of concrete that can produce pinholes in subsequently applied coatings. The concrete must be carefully assessed for moisture content, air entrapment, and surface finish prior to any coating/priming work. Installing the primer either when the concrete temperature is falling or stable can reduce outgassing. It is generally beneficial, therefore, to apply the coating in the late afternoon or evening.

MIXING

Sikalastic® Roof Primer does not require stirring or mixing before use.

CLEANING OF EQUIPMENT

Clean equipment with water immediately after use.

IMPORTANT CONSIDERATIONS

Sikalastic® Roof Primer is not suitable for use on metals, plastics, glass and other similar non-porous surfaces.

Sikalastic® Roof Primer is not suitable for use over existing tiles and waterproofing membranes.

All curing compounds, mould release agents must be removed before application of Sikalastic® Roof Primer. Do not apply onto wet or damp substrates.

Do not apply in temperatures below 5C and above 35C and under hot and windy conditions.

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

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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August 2020, Version 01.01

020706401000000048

SikalasticRoofPrimer-en-AU-(08-2020)-1-1.pdf