

## PRODUCT DATA SHEET

# Sikalastic®-100 EP Primer

Solvent free epoxy primer for use with Sikalastic® membrane systems

### DESCRIPTION

Sikalastic®-100 EP Primer is a two component, 100% solids epoxy primer designed for use with various Sikalastic® membrane systems. Sikalastic®-100 EP Primer is low viscosity and promotes substrate penetration to provide excellent adhesion in demanding applications.

### USES

Sikalastic®-100 EP Primer can be used in the following applications:

- Primer for concrete substrates
- Primer for cement screeds
- Primer for epoxy screeds
- Patching compound/mortar

### CHARACTERISTICS / ADVANTAGES

- Very low odour/ Low VOC
- Low viscosity
- Excellent substrate penetration
- Fast curing
- Good chemical resistance
- Can be accelerated with Sikafloor® Booster
- Can be used as a primer with Sikalastic® 487/488/777/888

### PRODUCT INFORMATION

<b>Packaging</b>	Part A: 20kg Part B: 10kg (30kg kit)
<b>Shelf life</b>	Stored in original sealed containers within the temperature range of +5 to +35 degrees C, this product will keep for a minimum of 3 years
<b>Storage conditions</b>	The packaging must be stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5°C and +30°C.
<b>Density</b>	1.1kg/Litre
<b>Tensile adhesion strength</b>	12MPa approx.
<b>Mixing ratio</b>	2:1 (Part A: Part B) by volume and mass
<b>Consumption</b>	<p><b>Primer:</b> 5-6m<sup>2</sup> per Litre approx. (CSP profile 2-3) 2-3m<sup>2</sup> per Litre approx. (CSP profile 4-5)</p> <p><b>Patching compound:</b> Between 1:5 - 1:8 (mixed litre of Sikalastic®-100 EP Primer: kg of blended silica sand)</p>
<b>Relative air humidity</b>	80 % r.h. max.

<b>Ambient air temperature</b>	+5°C min. / +30°C max.
<b>Substrate moisture content</b>	Max. 4% moisture content
<b>Pot Life</b>	10°C- 30min 20°C- 20min
<b>Waiting time to overcoating</b>	10°C- 15 hours 20°C- 8 hours All membrane applications should be applied within a maximum 36-48 hour time period depending on temperature/UV exposure

## 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.

## IMPORTANT CONSIDERATIONS

- Do not apply Sikalastic®-100 EP Primer on substrates with rising moisture.
- Freshly applied Sikalastic®-100 EP Primer should be protected from damp, condensation and water for at least 24 hours.
- For external applications, apply on a falling temperature. If applied during rising temperatures “pin holing” may occur from rising air.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- Sikalastic®-100 EP Primer patching compound is not suitable for frequent or permanent contact with water unless sealed.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical product, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, toxicological and other safety related data.

### MIXING

2:1 mix ratio (Part A: Part B) mixed for a minimum of 2 minutes

## APPLICATION METHOD / TOOLS

### Primer:

Make sure a continuous, pore free coat covers the substrate. If necessary, apply two priming coats. Apply Sikalastic®-100 EP Primer by brush, roller or squeegee. Preferred application is by using a squeegee and then backrolling crosswise.

### Patching compound:

Prime the patch area with Sikalastic®-100 EP Primer and apply the mixed mortar on the still 'tacky' primed area. After a short waiting time compact and smoothen the mortar with a trowel.

## CLEANING OF EQUIPMENT

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

## 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.

## 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.

Sika Australia Pty Limited  
ABN 12 001 342 329  
aus.sika.com  
Tel: 1300 22 33 48



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