

# PRODUCT DATA SHEET

## Sikafloor® 01 Primer

SIKAFLOOR® 01 PRIMER IS A CONCENTRATED SYNTHETIC RESIN PRIMER USED ON INTERNAL & EXTERNAL POROUS CONCRETE SURFACES

### DESCRIPTION

Versatile synthetic resin primer designed to be diluted with water.

### USES

- Internal & external porous concrete substrates
- Sand and cement screeds
- Fibre cement sheet (CFC)
- Timbers / marine ply (Suitably prepared)
- Recommended for use with Sikafloor® Cement Based Levelling Compounds

### ADVANTAGES

- EMICODE EC 1 PLUS: Very Low Emission (VOC)
- Solvent-free according to TRGS 610
- Low consumption / high coverage
- Great penetration into concrete surfaces
- Diluted Sikafloor® 01 Primer can be applied on concrete with a maximum of 95% RH
- Suitable for application on subfloor heating systems
- Eliminates dust
- Versatile water demand

### STORAGE AND SHELF LIFE

Approximately twelve (12) months from date of manufacture when stored in its unopened original container. Store in a cool, dry place.

### SURFACE PREPARATION

Concrete floors should be fully cured, structurally sound, 20Mpa +, clean, dry, and free of surface contaminants and dust for Eg. Concrete must accept water penetration. Test by lightly sprinkling water on various areas of the substrate. If water penetrates, then a good bond with a selected primer can be achieved. If water beads and fails to be absorbed by the concrete surface contaminants are present then loss of adhesion may occur. Contaminates that are present should be mechanically removed before installation. Ambient temperature, surfaces and materials should be maintained at temperatures higher than 5°C & less than 35°C directly prior to application. For standard installations concrete must be free of efflorescence and not subject to hydrostatic pressure. If the concrete substrate has efflorescence or high moisture (RH) and is above AS 1884 - 2012 standards a Sika Moisture Barrier System may be considered.

- Sika Green Concrete Moisture Barrier System
  - Sika Hydrostatic Concrete Moisture Barrier System
- Contact your local Sika office for further information.

### MIXING RATIO

Sikafloor® 01 Primer - Dilution Chart		
Substrate Description	Mechanically Prepared	Trowel Finish
Porosity	Very Porous	Porous
Applications	Double application	Single application
Primer Dilution	1:3	1:2 or 1:3
Water Ratio	5L Primer & 15L Water	5L Primer & 10 -15 L Water

Ratio - 1:3 average consumption 7 - 9 m<sup>2</sup> per mixed L.

On particularly porous or mechanically prepared surfaces or where the initial prime coat is absorbed immediately a second coat is recommended.

### HANDLING

Sika support best practice in material handling: Gloves, mask and protective clothing should be worn.

### APPLICATION

**Internal & External Porous Priming:** Apply Sikafloor® 01 Primer by way of a soft bristle broom, or long napped roller 10 - 15mm. Correct amount of primer should always be applied diluted to the prepared substrate giving good penetration and film build. Thin applications may result in pinholing in finished surface or debonding levelling compound from the substrate. Avoid foaming during application by adding more liquid. Do Not allow primer to pool while drying as this will cause a soft spot under the cement compound.

### DRYING

When diluted with clean cool water Sikafloor® 01 Primer must be allowed to dry for 10 - 30 minutes before applying Sikafloor® cement based products. These estimated times depend on substrate porosity, airflow, ambient temperature and relative humidity.

## LIMITATIONS

Sikafloor® 01 Primer is not suitable for use over hydrostatic concrete.

Do not apply in temperatures below 5°C or over 35°C and under hot and windy conditions

## CLEANING

Sikafloor® 01 Primer can be cleaned up using water before the product dries.

## PRODUCT INFORMATION

Packaging	5L
Density	1L = 1kg
Appearance	Light Blue Liquid

## SAFETY DIRECTIONS

Avoid contact with skin and eyes. Wear overalls, safety shoes, impervious gloves and safety glasses. Use only in well ventilated areas. No smoking. Avoid contact with foodstuffs, and sources of heat and ignition. Wash hands after use. Store in a cool place and out of direct sunlight. Store away from oxidising agents. Keep containers closed when not in use. Do not empty into drains. If involved in a fire use water, fog, foam or dry agents. Avoid breathing products of combustion. Clean up all spills immediately. Avoid contact with skin and eyes. Wear impervious gloves and safety goggles. Trowel up/scrape up and place spilled material in clean, dry, sealed container. Flush spill area with water. If poisoning occurs, contact a doctor or Poisons Information Centre: Australia - 13 11 26, New Zealand - 0800 764 766. Do not reuse container unless thoroughly decontaminated. See the Sika Material Safety Data Sheet (MSDS) for additional information. Contact 1800 033 111 (24/7) for emergency information. If swallowed, do not induce vomiting. Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. Immediately irrigate with copious amount of water for 15 minutes if have come in contact with eyes. Eyelids to be held open. Urgently seek medical advice. If skin or hair contact occurs, flush skin and hair with running water and soap if available. Seek medical attention in event of irritation. If fumes or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary. Seek medical advice if in doubt.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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. Project and system related warranties must be discussed prior to Sika products being installed. The proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Sika Australia Pty. Ltd. be liable to anyone except for replacement of the products or refund of the purchase price.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.