

## PRODUCT DATA SHEET

# SikaTile®-010 Secure Prime

A HIGH PERFORMANCE MULTI-PURPOSE PRIMER WITH EFFLORESCENCE INHIBITING PROPERTIES FOR POROUS AND DENSE SUBSTRATES

### DESCRIPTION

- SikaTile®-010 Secure Prime is a high performance, ready to use, primer with efflorescence inhibiting properties suitable for porous and dense substrates.
- SikaTile®-010 Secure Prime helps prevent efflorescence by reducing the porosity of concrete, screeds and renders with its unique crystalline technology.
- SikaTile®-010 Secure Prime is suitable for use internally and externally on both wall and floor applications.

### USES

SikaTile®-010 Secure Prime is suitable for the following applications.

- General purpose under tile priming of porous substrates
- General purpose primer for water-based waterproofing membranes
- Primer to prevent efflorescence coming out of substrates, ie concrete, screeds and renders
- Priming of dense and steel trowelled concrete

Suitable substrates include.

- Concrete
- Cement boards and sheets including Scyon™
- Plasterboard
- Glass re-inforced concrete
- Cement based screeds and renders
- Cement coated light weight construction boards
- Autoclaved Aerated Concrete (AAC)

### CHARACTERISTICS / ADVANTAGES

- Ready to use, no mixing required
- Multiple uses, porous and dense concrete
- Inhibiting Efflorescence coming out of substrates
- Reduces substrate porosity through crystalline technology
- Reduced moisture migration by capillary action
- Versatile - suitable for internal, and external use including submerged applications such as tiled pools and spas.

**VOC Content:**

0.05%

## PRODUCT INFORMATION

<b>Packaging</b>	5 Litre pails
<b>Shelf Life</b>	9 months from date of manufacture if stored out of direct sunlight unopened in original container.
<b>Storage Conditions</b>	Store in dry cool conditions out of direct sunlight. Do not allow product to freeze.
<b>Appearance / Colour</b>	Milky white liquid, dries clear.

## APPLICATION INFORMATION

<b>Yield</b>	Approximately 13 m <sup>2</sup> per litre dependant on substrate porosity.
<b>Curing Time</b>	25-40 minutes dependant on climate, substrate porosity, and application technique.

## 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.

## LIMITATIONS

- Not for use as a vapour barrier or in areas of rising damp.
- Do not dilute
- Use in temperatures between 5°C and 35°C
- SikaTile®-010 Secure Prime is not suitable for use over existing tiles and waterproofing membranes
- SikaTile®-010 Secure Prime is not suitable for use on plastics, metal, or glass.
- Do not use in high windy conditions to avoid flash setting.
- All curing compounds, mould release agents must be removed before application of SikaTile®-010 Secure Prime
- SikaTile®-010 Secure Prime is suitable for use over early aged concrete and screeds, as a primer for tiling applications only. If waterproofing early aged concrete or screeds use an appropriate Sika moisture barrier as a primer.
- If the primed area is left exposed for longer than 24-hours, the area should be wiped down with cleaned with water.
- For use other than mentioned in this document please contact Sika® Australia.

## 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

### EQUIPMENT

- Brush, roller or low pressure spray applicator
- Protective personal equipment

### SUBSTRATE QUALITY / PRE-TREATMENT

- All substrates shall be free from loose friable materials, dust, and debris, release agents, curing compounds, grease, sealers and other contaminating materials. Contaminated substrates must be mechanically prepared to expose at least 80% of the original substrate.
- Early aged concrete shall be a minimum of 7 days old at 22°C & 50% relative humidity prior to application.
- Early aged cement-based screeds shall be a minimum of 24 hours old at 22°C and 50% relative humidity per 40mm of thickness.

### APPLICATION

- Apply the SikaTile®-010 Secure Prime to substrates as required with a brush, roller or low pressure spray applicator.
- Allow the primer to dry prior to subsequent application of waterproofing membrane or tile adhesive.
- Application of the waterproofing membrane or tile adhesive should be undertaken after the primer has dried to minimise the chance of contamination.

### CLEANING OF TOOLS

Tools and equipment can be cleaned with water while the product is still wet.

## 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® Corporate Legal in Baar.

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### Product Data Sheet

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