

# PRODUCT DATA SHEET

## Sikafloor®-01 Primer

UNIVERSAL DISPERSION PRIMER FOR USE WITH CEMENTITIOUS LEVELLING COMPOUNDS OR TILE ADHESIVES.

### PRODUCT DESCRIPTION

Very low emission, universal dispersion primer prior to applying leveling compounds. Suitable for pre-treating on walls and floors following the recommended dilution rates. For interior use.

### USES

Sikafloor®-01 Primer is suitable for pre-treating floors following the recommended dilution rates. For interior use. As a primer for reducing absorbency, to improve adhesion on smooth and sound substrates and as a primer to protect the substrate against moisture from cementitious levelling compounds or tile adhesives

### CHARACTERISTICS / ADVANTAGES

- For interior use
- On walls and floors
- Solvent-free according to TRGS 610
- Low consumption / high coverage
- Suitable for application on subfloor heating systems
- Short waiting time
- Can be applied to almost all substrates
- Can be sprayed
- Easy to apply
- Can be diluted with water
- Ready for use
- Grip promoting
- Binds residual dust

### ENVIRONMENTAL INFORMATION

- EMICODE EC 1PLUS : very low emission
- EPD according to ISO 14025 and EN 15804

### PRODUCT INFORMATION

<b>Chemical Base</b>	Synthetic resin
<b>Packaging</b>	10 kg plastic canister
<b>Appearance / Colour</b>	Blue
<b>Shelf Life</b>	12 months from date of production
<b>Storage Conditions</b>	Opened canister should be closed immediately and used up as soon as possible. Do not store below + 5°C.
<b>Density</b>	1.0 kg/l

## APPLICATION INFORMATION

<b>Substrates</b>	<ul style="list-style-type: none"> <li>▪ Concrete</li> <li>▪ Cement and rapid cement screeds</li> <li>▪ Calcium sulphate based screeds</li> <li>▪ Old substrates with old water-resistant adhesive residues (almost completely removed)</li> <li>▪ Dry screeds</li> <li>▪ Wooden OSB and chipboard floors</li> <li>▪ Mastic asphalt screeds IC 10 and IC 15 according to EN 13 813</li> </ul>	
<b>Mixing Ratio</b>	<b>Substrate</b>	<b>Dilution</b>
	Normal absorbent substrates : cementitious screeds, rapid cement screed systems or concrete	1 kg Sikafloor®-01 Primer : 3 l water
	Calcium sulphate substrates : calcium sulphate screeds	1 kg Sikafloor®-01 Primer : 1 l water
	Non and low absorbent substrates, smooth, sound substrates : ceramic tiles, old water-resistant adhesive residues (almost completely removed), chipboard or OSB, mastic asphalt screeds IC 10 and IC 15 according to EN 13 813	apply Sikafloor®-01 Primer undiluted
<b>Consumption</b>	~70 g/m <sup>2</sup> depending on absorbency of the substrate, applicator device and mixing ratio.	
<b>Ambient Air Temperature</b>	+5 °C min. / + 30 °C max.	
<b>Substrate Temperature</b>	+5 °C min. / + 30 °C max.	
<b>Waiting Time / Overcoating</b>	Before applying cementitious self levelling compounds and tile adhesives wait	
	<b>Substrate</b>	<b>Waiting Time</b>
	Normal absorbent substrates: Cementitious	~10 minutes
	Calcium sulphate based substrates, if calcium sulphate based levelling compounds are used	~10 minutes
	Calcium sulphate based substrates, if cement based levelling compounds are used	~24 hours
	Non and low absorbent substrates: OSB and chipboards	~2 hours
	Other Non and low absorbent substrates: Ceramic tiles, old water-resistant adhesive residues (almost completely removed), mastic asphalt screeds IC 10 and IC 15 according to EN 13 813	~12 hours
	All values are approximate and subject to variation due to climatic conditions. Please refer also to the product datasheets of the cementitious levelling compounds and tile adhesives.	

# APPLICATION INSTRUCTIONS

## SUBSTRATE QUALITY / PRE-TREATMENT

- Adequate strength, load bearing capacity, dimensional stability and permanent dryness.
- Free of residues which reduce adhesion, e.g. dust, dirt, oil, fat and loose particles.
- Surface treatments or any friable areas of the sub-floor must be mechanically removed and the sub-floor repaired with SIKA levelling compounds as required.
- Gypsum screeds should be grinded and vacuumed prior to further treatment.
- Layers of water soluble adhesives, e.g. sulphite waste adhesives, are to be mechanically removed.
- Old water resistant adhesives are to be mechanically removed as thoroughly as possible.
- Old floors, such as ceramic tiles are to be thoroughly cleaned and sanded.
- Magnesite bound substrates must be primed with Sikafloor®-02 Primer.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

## MIXING

Stir Sikafloor® – 01 Primer before use.

## APPLICATION

- Apply on dry substrate using a suitable tool such as a roller, paintbrush or brush. Avoid formation of puddles. Sikafloor®-01 Primer can be sprayed (mixing ratio 1:1 or more).

Note: A second application is recommended on very absorbent substrates.

- When applying the product on normal absorbent substrates such as cementitious screeds, rapid cement screed systems or concrete use **1 kg Sikafloor®-01 Primer : 3 l water**.
- When applying the product on non-absorbent, smooth, sound substrates such as mastic asphalt screeds, ceramic tiles, old water-resistant adhesive residues (almost completely removed), chipboard or OSB, wooden substrates use **Sikafloor®-01 Primer undiluted**.

- When applying the product on calcium sulphate substrates such as calcium sulphate screeds, gypsum plaster use **1 kg Sikafloor®-01 Primer: 1 l water**.

## VALUE BASE

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.

### SIKA LIMITED

#### Watchmead

Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited

### SIKA IRELAND LIMITED

#### Ballymun Industrial Estate

Ballymun  
Dublin 11, Ireland  
Tel: +353 1 862 0709  
Web: [www.sika.ie](http://www.sika.ie)  
Twitter: @SikaIreland



Sikafloor-01Primer\_en\_GB\_(09-2017)\_4\_1.pdf