

PRODUCT DATA SHEET

Sikafloor®-01 Primer

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



DESCRIPTION

Very low emission, universal dispersion primer prior to applying leveling compounds.

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

- Reducing absorbency
- Improving adhesion on smooth and sound substrates
- Protection of substrate against moisture from leveling compounds
- For interior use
- Low consumption / high coverage
- Suitable for application on subfloor heating systems
- Short waiting time
- Compatible to many substrates
- Can be sprayed
- Easy to apply
- Can be diluted with water
- Ready for use
- Grip promoting

SUSTAINABILITY

- EMICODE EC 1^{PLUS} : very low emission
- EPD according to ISO 14025 and EN 15804
- Solvent-free according to TRGS 610

PRODUCT INFORMATION

Chemical base	Synthetic dispersion
Packaging	10 kg plastic can
Appearance / Colour	Blue
Shelf life	12 months from date of production (in closed packaging)
Storage conditions	Store under cool, dry and frostfree conditions. Opened can should be closed immediately and used up as soon as possible. Do not store below +5 °C. Material that has been mixed with water should be used within a week.
Density	1.0 kg/l

APPLICATION INFORMATION

Substrates	<ul style="list-style-type: none"> ▪ Concrete ▪ Cement and rapid cement screeds ▪ Calcium sulphate based screeds ▪ Old substrates with old water-resistant adhesive residues (almost completely removed) ▪ Dry screeds ▪ Wooden OSB and chipboard floors ▪ Mastic asphalt screeds IC 10 and IC 15 according to EN 13 813 	
Mixing Ratio	Substrate	Dilution
	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
Consumption	~70 g/m ² depending on absorbency of the substrate, applicator device and mixing ratio.	
Ambient Air Temperature	+5 °C min. / +30 °C max.	
Substrate Temperature	+5 °C min. / +30 °C max.	
Waiting Time / Overcoating	Before applying cementitious self levelling compounds and tile adhesives wait	
	Substrate	Waiting Time
	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.
- Separation layers, sinter layers, and other similar contamination should be removed through appropriate measures, such as sanding, brushing, abrasive blast cleaning, milling or thorough cleaning.
- Old, loose and weak levelling layers should be removed mechanically.
- Surface treatments or any friable areas of the sub-floor must be mechanically removed and filling of blowholes and voids must be carried out using a repair or patch product as required.
- Calcium sulphate substrates 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.
- Magnesia substrates must be primed with Sikafloor®-02 Primer.
- Prior to application confirm that wooden OSB and chipboard substrates are firmly fixed and don't move. OSB has to be abraded.

MIXING

Shake or Stir Sikafloor®-01 Primer before use.

APPLICATION

- Apply Sikafloor®-01 Primer with a roller, paintbrush or brush.
- Avoid formation of puddles.
- Sikafloor®-01 Primer can be sprayed (mixing ratio at least 1:1).
- On very absorbent substrates a second application is recommended.

Sika Services AG
Tüffenwies 16
8048 Zürich
Tel: +41 58 436 4040
www.sika.com



CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use.

BASIS OF PRODUCT DATA

All technical data stated in this 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 and recommended uses for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data and uses.

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.

Sikafloor-01Primer_en_(09-2017)_4.pdf

PRODUCT DATA SHEET
Sikafloor®-01 Primer
September 2017, Version 04.0
020815120010000042