

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.

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 levelling 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 DATA

FORM

Blue synthetic dispersion

PACKAGING

10 kg plastic can

STORAGE

STORAGE CONDITIONS / SHELF-LIFE

Store under cool, dry and frost free 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.

TECHNICAL DATA

DENSITY

1.0 kg/l

SUBSTRATES

- 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 Pull-out tests (according to standard NF P 18-822):
Anchoring of rebar in slabs:

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/m² depending on absorbency of the substrate, applicator device and mixing ratio.

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 81	~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

System Information

SUBSTRATE TEMPERATURE

+5 °C min. / +30 °C max.

AMBIENT TEMPERATURE

+5 °C min. / +30 °C max.

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 subfloor 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.
- Magnesite 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

CLEANING OF TOOLS

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

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.

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data

Sheet 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. 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
Sikafloor®-01 Primer
31/07/2017, /0718
Sikafloor-01 Primer - PDS - 0718

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