BUILDING TRUST

PRODUCT DATA SHEET

Sikafloor®-01 Primer

Water-based flooring primer for levelling compounds and tile adhesives

DESCRIPTION

Sikafloor®-01 Primer is a one-part, water-based, synthetic resin concentrate which can be diluted with water and used to prime cementitious, wood and mastic asphalt floor substrates. It is applied before using cementitious levelling compounds and tile adhesives, mainly to reduce absorbency and to improve adhesion to the substrate.

USES

Sikafloor®-01 Primer is used for:
- Reducing the absorbency of the substrate
- Improving the adhesion on smooth and sound substrates
- Protecting the substrate against moisture from cementitious levelling compounds or tile adhesives

Please note:
- The Product may only be used by experienced professionals.

FEATURES

- Low consumption yet high coverage
- Suitable for use with underfloor heating systems
- Short waiting times
- Reduces substrate dust
- Very low VOC emissions
- Apply by brush, roller or spray
- Can be diluted with water
- Ready-for-use
- Solvent-free according to TRGS 610

SUSTAINABILITY

- Contributes towards satisfying Indoor Environmental Quality (EQ) Credit: Low-Emitting Materials under LEED® v4 — 1–3 points
- Contributes towards satisfying Materials and Resources (MR) Credit: Building Product Disclosure and Optimization — Material Ingredients under LEED® v4 — 1 point
- VOC emission classification GEV Emicode EC1^{plus}

PRODUCT INFORMATION

Composition	Synthetic dispersion	
Packaging	One Part Container	1 kg, 10 kg and 5 kg containers
	Refer to the current price list for available packaging variations.	
Appearance and colour	Blue liquid	
Shelf life	12 months from date of production	
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to the packaging. Material that has been mixed with water must be used within a week. Refer to the current Safety Data Sheet for information on safe handling and storage.	
Density	1 kg/L	(EN ISO 2811-1)

APPLICATION INFORMATION

Mixing ratio

Substrate	Dilution Product : water
Cementitious screeds or concrete	1 kg : 3 L
Calcium sulphate (anhydrite) screeds	1 kg : 1 L
Ceramic tiles, old water-resistant adhesive residue, chipboard or OSB, mastic asphalt screeds	Apply undiluted

Consumption

70 g/m²
Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Material temperature

Maximum	+30 °C
Minimum	+5 °C

Ambient air temperature

Maximum	+30 °C
Minimum	+5 °C

Relative air humidity

Maximum	80 % r.h.

Substrate temperature

Maximum	+30 °C
Minimum	+5 °C

Waiting time to overcoating

Levelling compounds and tile adhesives on the Product:

Substrate	Minimum waiting time
Cementitious screeds or concrete	10 minutes
Calcium sulphate (anhydrite) screeds with calcium sulphate-based levelling compounds	10 minutes
Calcium sulphate (anhydrite) screeds with cement-based levelling compounds	24 hours
Chipboard or OSB	2 hours
Ceramic tiles, old water-resistant adhesive residue, mastic asphalt screeds	12 hours

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

SYSTEM INFORMATION

Compatibility

Compatible substrates:
- Concrete
- Cementitious screeds
- Calcium sulphate (anhydrite) screeds
- Substrates with existing water-resistant adhesive residue
- Wooden OSB and chipboard substrates
- Ceramic tiles
- Mastic asphalt screeds IC 10 and IC 15 according to EN 13 813

For other substrate types, contact Sika Technical Services.

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.

IMPORTANT CONSIDERATIONS

- Do not apply on substrates with rising moisture.
- Refer to important considerations section of Product Data Sheet for Sika® levelling compounds or tile adhesives that will be used with Sikafloor®-01 Primer.

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

SUBSTRATE PREPARATION
- Abrasive blast cleaning equipment
- Vacuum cleaner

MIXING
- (Optional) Electric stirrer
- Clean water
- Clean mixing containers

APPLICATION
- Roller coating
- Brush
- (Optional) Spray equipment

SUBSTRATE PREPARATION

GENERAL
Substrate must be sound, clean and free of all contaminants such as dirt, oil, grease, polish, coatings, water-soluble and water-resistant adhesives, varnish, laitance, surface treatments and loose friable materials. Use industrial vacuuming equipment to remove all dust, loose and friable material from the application surface before applying the Product.

CONCRETE AND CEMENTITIOUS SCREEDS
1. Prepare substrates mechanically using suitable abrasive blast cleaning, planing, scarifying, grinding or other suitable equipment.
2. Remove surface treatments, layers of water-soluble adhesives such as sulphite waste adhesives and old water-resistant adhesives.
3. Fill any voids or cavities with appropriate Sika®-compatible flooring repair products.
4. Remove all dust, loose and friable material from the application surface with an industrial vacuuming equipment.

CALCIUM SULPHATE (ANHYDRITE) SCREEDS
1. Remove surface treatments, layers of water-soluble adhesives such as sulphite waste adhesives and old water-resistant adhesives.
2. Grind and vacuum-clean the substrate.
3. Fill any voids or cavities with appropriate Sika®-compatible flooring repair products.
4. Remove all dust, loose and friable material from the application surface with an industrial vacuuming equipment.

WOOD
1. Remove surface treatments, layers of water-soluble adhesives such as sulphite waste adhesives and old water-resistant adhesives.
2. IMPORTANT Ensure that wood floor substrates of chipboard or OSB are securely fixed to the substructure. Abrade OSB.
3. Fill any voids or cavities with appropriate Sika®-compatible flooring repair products.
4. Remove all dust, loose and friable material from the application surface with an industrial vacuuming equipment.

CERAMIC TILES
1. Remove surface treatments, layers of water-soluble adhesives such as sulphite waste adhesives and old water-resistant adhesives.
2. All tiles must be stable, firmly and securely bonded.
3. Replace or fix any broken, loose or missing tiles.
4. Grind or abrade surfaces to remove glaze

OTHER SUBSTRATE TYPES
For information on substrate preparation, contact Sika Technical Services.

MIXING

Shake or stir the Product before use.
If water dilution is required, proceed as follows:
1. Mix the Product.
2. Pour the Product into a clean container.
3. Mix in the appropriate amount of water.

APPLICATION

IMPORTANT
Impaired Product properties due to substrates with rising moisture
1. Do not apply the Product on substrates with rising moisture.
2. If rising moisture can occur, apply an effective damp-proof membrane that complies with the applicable national standard.

1. Apply the Product to the prepared substrate by roller, paintbrush or brush. Note Application by spraying equipment is possible if the mixing ratio is at least 1 : 1.
2. Ensure the substrate is saturated and evenly coated. Note Avoid puddles of primer.
3. (Optional) For very absorbent substrates, apply a second coat.
4. Confirm the waiting time to overcoating time has been achieved before applying subsequent products. Refer to the individual primer Product Data Sheet.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 MANUFACTURING NIGERIA LIMITED
10,Western Industrial Avenue, Isheri
Riverview Estate
Lagos - Ibadan Expressway, Ogun State
NIGERIA
Web: nga.sika.com