

## PRODUCT DATA SHEET

# Sikafloor®-02 Primer

Acrylate flooring primer for levelling compounds and tile adhesives

## PRODUCT DESCRIPTION

Sikafloor®-02 Primer is a 1-part, acrylate resin for priming non-absorbent substrates before applying cementitious levelling compounds and tile adhesives

## USES

The product is used for:

- Improving adhesion on smooth and sound non-absorbent substrates
- Suitable for interior or exterior applications

## CHARACTERISTICS / ADVANTAGES

- 1-part ready to use

- Provides optimum adhesion on non-absorbent substrates
- Low consumption / high coverage
- Suitable for use with underfloor heating
- Short waiting times
- Very low VOC emissions
- Easy to apply by roller
- Ready to use
- Solvent-free according to TRGS 610

## ENVIRONMENTAL INFORMATION

- Environmental Product Declaration (EPD) in accordance with EN 15804. EPD independently verified by Institut für Bauen und Umwelt e.V. (IBU)
- VOC emission classification GEV Emicode EC1<sup>plus</sup>

## PRODUCT INFORMATION

Chemical Base	Special acrylate dispersion with additives.
Packaging	5 and 12 kg containers Refer to current price list for packaging variations.
Appearance / 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 packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.
Density	1.3 kg/L

## APPLICATION INFORMATION

Consumption	~125 g/m <sup>2</sup> This figure is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.
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<b>Ambient Air Temperature</b>	Maximum	+30 °C
	Minimum	+5 °C
<b>Substrate Temperature</b>	Maximum	+30 °C
	Minimum	+5 °C
<b>Substrates</b>	Non-absorbent substrate compatibility: <ul style="list-style-type: none"> <li>▪ Concrete</li> <li>▪ Cementitious screeds</li> <li>▪ Substrates with existing water-resistant adhesive residue</li> <li>▪ Ceramic tiles</li> <li>▪ Natural stones</li> <li>▪ Terrazzo (epoxy or cementitious)</li> <li>▪ Mineral based magnesia screeds</li> <li>▪ Metal</li> <li>▪ Epoxy and water-based polyurethane surfaces</li> <li>▪ Fully bonded resilient floorings (except polyolefin coverings)</li> <li>▪ Mastic asphalt screeds IC 10 and IC 15 according to EN 13 813</li> </ul> For other substrate types contact Sika Technical Services.	
<b>Waiting Time / Overcoating</b>	Levelling compounds and tile adhesives on Sikafloor®-02 Primer:	
	<b>Substrate</b>	<b>Waiting time</b>
	Non-absorbent substrates as mentioned in substrate section excluding mineral based magnesia screeds	~1.5 hours
	Mineral based magnesia screeds	~4 hours
Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity. Reference must be made to the individual Product Data Sheets of the levelling compounds and tile adhesives.		

## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling.  
 Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

#### Overlaying soft coverings

Note: If used on soft existing coverings i.e. vinyl, linoleum or rubber substrates, always use a gypsum based levelling compound

#### GENERAL

The existing substrate must be sound, structurally stable, clean, dry and free of all contaminants such as dirt, oil, grease, wax and rust which could affect adhesion.

All dust, loose and friable material must be completely removed from all substrate types before the application of the Product, preferably by vacuum extraction equipment.

Suitable preparation techniques include: abrasive blast cleaning, grinding, abrading, electric floor scrubbers used with de-greasing / cleaning chemicals.

#### CONCRETE AND CEMENTITIOUS SCREEDS

1. Degrease and clean

#### WATER SOLUBLE ADHESIVE RESIDUE

1. Completely remove.

#### WATER RESISTANT ADHESIVE RESIDUE

1. Mechanically remove as thoroughly as possible leaving only well bonded residue

#### RESILIENT FLOOR COVERINGS

##### Preconditions

Resilient floor coverings must be securely bonded to the substrate.

1. Remove poorly bonded coverings.

2. De-grease and clean.

#### CERAMIC TILES, NATURAL STONES, TERRAZZO, EPOXY AND WATER-BASED POLYURETHANE COATINGS

##### Preconditions

Ceramic tiles, natural stones, terrazzo, epoxy and water-based polyurethane coatings must be securely bonded to the substrate.

1. Replace any loose tiles or stones

2. Abrade surfaces to remove glaze or gloss finish

#### VINYL COVERINGS CONTAINING ASBESTOS

##### Preconditions

Resilient floor coverings must be securely bonded to

the substrate.

1. Remove poorly bonded coverings.
2. De-grease and clean.

#### METALS

1. Mechanically remove rust.
2. De-grease and clean

#### MINERAL BASED MAGNESIA SCREEDS

1. De-grease and clean.

Note: Magnesia screeds other than mineral based, e.g. wood flour magnesia, must be primed with an epoxy based primer and fully broadcast with kiln dried quartz sand before application of levelling compound and tile adhesive.

#### MIXING

Stir the Product for 30 seconds just before use.

#### APPLICATION

##### IMPORTANT

##### **Strictly follow installation procedures**

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

1. Apply the primer onto the prepared substrate with a shortpile roller or pad applicator. Note: Ensure a continuous, pore free coat covers the substrate. Avoid the formation of puddles.
2. Confirm the waiting time for overcoating has been achieved before applying subsequent products.

#### CLEANING OF TOOLS

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 the 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.

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#### Product Data Sheet

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