

PRODUCT DATA SHEET

Sikafloor®-02 Primer

Acrylate flooring primer for levelling compounds and tile adhesives

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 Emission EC1^{plus}

PRODUCT INFORMATION

Chemical Base	Special acrylate dispersion with additives.
Packaging	5 and 12 kg containers Refer to current price list for packaging variations.
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.
Appearance / Colour	Blue liquid
Density	1.3 kg/L

APPLICATION INFORMATION

Consumption	~125 g/m ² 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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Ambient Air Temperature	Maximum	+30 °C					
	Minimum	+5 °C					
Substrate Temperature	Maximum	+30 °C					
	Minimum	+5 °C					
Substrates	Non-absorbent substrate compatibility: <ul style="list-style-type: none"> ▪ Concrete ▪ Cementitious screeds ▪ Substrates with existing water-resistant adhesive residue ▪ Ceramic tiles ▪ Natural stones ▪ Terrazzo (epoxy or cementitious) ▪ Mineral based magnesia screeds ▪ Metal ▪ Epoxy and water-based polyurethane surfaces ▪ Fully bonded resilient floorings (except polyolefin coverings) ▪ Mastic asphalt screeds IC 10 and IC 15 according to EN 13 813 For other substrate types contact Sika Technical Services.						
Waiting Time / Overcoating	Levelling compounds and tile adhesives on Sikafloor®-02 Primer:						
	<table border="1"> <thead> <tr> <th>Substrate</th> <th>Waiting time</th> </tr> </thead> <tbody> <tr> <td>Non-absorbent substrates as mentioned in substrate section excluding mineral based magnesia screeds</td> <td>~1.5 hours</td> </tr> <tr> <td>Mineral based magnesia screeds</td> <td>~4 hours</td> </tr> </tbody> </table>	Substrate	Waiting time	Non-absorbent substrates as mentioned in substrate section excluding mineral based magnesia screeds	~1.5 hours	Mineral based magnesia screeds	~4 hours
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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.							

BASIS OF PRODUCT DATA

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.

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

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.

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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

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.

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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