

PRODUCT DATA SHEET

SikaTop[®]-50

WATER BASED PRIMER FOR ABSORBENT SUBSTRATES

PRODUCT DESCRIPTION

- Primer made of waterbased acrylics.
- Part of the Sika[®] EmotionFloor range for high absorbent substrates.

USES

- Particularly for use as primer for SikaDecor[®]-803 Nature
- On high absorbent wall substrates like gypsum, porous cement, brickwork, natural or artificial stone etc.
- Not suitable for horizontal surfaces

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion on absorbent substrates
- Prevents loss of water into the substrate
- Economic
- Increases durability
- Resistant to alkaline pH
- Ready to use
- Easy to use
- For substrates with higher moisture content

PRODUCT INFORMATION

Chemical Base	Water based acrylic	
Packaging	Pail:	5 kg
	Full Palett:	108 x 5 kg (540 kg)
Appearance / Colour	White liquid	
Shelf Life	In undamaged original sealed packaging: 12 months from date of production	
Storage Conditions	Storage temperature between +5 °C and +30 °C. Protect from freezing. Store in dry conditions.	
Density	~ 1.04 kg/l	(+20 °C)

SYSTEM INFORMATION

System Structure	Please refer to the product datasheet of: SikaDecor [®] -803 Nature: For Sika [®] EmotionFloor applied as decorative wall coating	
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APPLICATION INFORMATION

Consumption	~ 0.12 - 0.15 kg/m ² /layer Some substrates require higher consumption than indicated. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.						
Ambient Air Temperature	Min. +5 °C, max. +35 °C The temperature during curing must not fall below the minimal temperature.						
Substrate Temperature	Min. +5 °C, max. +35 °C The temperature during curing must not fall below the minimal temperature.						
Substrate Moisture Content	Can be installed on substrates with higher moisture content. No ponding water. The substrate needs to be visibly dry.						
Curing Time	Before applying SikaDecor®-803 Nature on SikaTop®-50 allow <table><thead><tr><th><u>Substrate Temperature</u></th><th><u>Minimum</u></th><th><u>Maximum</u></th></tr></thead><tbody><tr><td>+20 °C</td><td>30 minutes</td><td>48 hours</td></tr></tbody></table> Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.	<u>Substrate Temperature</u>	<u>Minimum</u>	<u>Maximum</u>	+20 °C	30 minutes	48 hours
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APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Substrate quality

The substrate must be sound and of sufficient strength.

Clean and free of all contaminants such as dirt, oil, grease, coatings and surface treatments etc.

Pre-treatment

The substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to achieve an open textured surface.

All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush or vacuum.

MIXING

SikaTop®-50 is supplied ready to use.

Homogenize the material prior to application for at least 1 minute.

Use an electrical low speed stirrer (300 - 400 rpm).

APPLICATION

Apply by brush or roller to achieve greater penetration and performance.

CLEANING OF TOOLS

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

LIMITATIONS

In hot weather (above +25 °C) store SikaTop®-50 prior to use in cool place.

At low temperatures (below +15 °C) the product may thicken and reduced workability.

Do not use a product that has been subjected to frost.

In case of doubt, you must apply a trial area first.

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.

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland



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