

## PRODUCT DATA SHEET

# Sikagard®-850 Primer

Primer for Sikagard®-850 Clear on uncoated mineral substrates

### PRODUCT DESCRIPTION

Sikagard®-850 Primer is a one-part, ready-to-use primer for Sikagard®-850 Clear on uncoated mineral substrates to improve the application and adhesion. This product is part of the Sikagard Anti-graffiti System.

### USES

- As a primer for the Sikagard®-850 Anti-graffiti Coating System on uncoated mineral substrates.

### CHARACTERISTICS / ADVANTAGES

- Low viscosity.
- Ready to use - no on-site dilution required.
- Adhesion promoting primer.
- Specifically used with Sikagard®-850 Clear.
- Applied by brush, roller or airless spray.

### APPROVALS / STANDARDS

- CE Marking and Declaration of Performance (Ref.: 50264739) based on EN 1504-2:2004 Products and systems for the protection and repair of concrete structures — Surface protection systems for concrete — Coating.

### PRODUCT INFORMATION

<b>Packaging</b>	0,8 kg container 4 kg container Refer to current price list for packaging variations
<b>Shelf Life</b>	12 months from date of production
<b>Storage Conditions</b>	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +35 °C. Always refer to packaging.
<b>Appearance / Colour</b>	Clear viscous liquid
<b>Density</b>	~0.87 g/cm <sup>3</sup>
<b>Flash Point</b>	+35 °C
<b>Viscosity</b>	~110 mPa·s (at +20 °C) ~90 mPa·s (at +40 °C)

Volatile organic compound (VOC) content ~500 g/l (calculated)

## SYSTEM INFORMATION

System Structure	System part	Product
	Primer for uncoated mineral substrates	Sikagard®-850 Primer
	Primer for coated mineral substrates or wood	Sikagard®-850 Activator
	Top coat	Sikagard®-850 Clear

## APPLICATION INFORMATION

Consumption	Consumption is dependant of the porosity of the substrate; as a guide: ~75 g/m <sup>2</sup> to 125 g/m <sup>2</sup>
Ambient Air Temperature	+8 °C min. / +35 °C max.
Relative Air Humidity	≤ 80 %
Dew Point	Substrate and ambient temperature must be at least +3 °C above dew point
Waiting Time / Overcoating	<ul style="list-style-type: none"><li>Typically 2 to 3 hours depending on weather conditions.</li><li>Wait until the surface is tack free.</li></ul>

## 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.

## LIMITATIONS

- Do not use for aerosol-based applications. Sikagard®-850 Primer applied using this application, disperses free aerosol vapour droplets in the air. Breathing in these droplets can cause extremely serious health risks to the user.
- When the container is opened, any remaining product inside the container that has been exposed to the air, will continue to cure and thicken resulting in surface skinning and increased viscosity. It is therefore advised to use up all the product once it is opened until the container is empty.
- The product can be used after a few days of opening the container, providing the skin layer is removed.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### APPLICATION

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

### IMPORTANT

On rough substrates, use a brush to apply primer and make sure the primer covers all the surface, including voids.

Note: To prevent air bubbles affecting the finish, do not 'over' brush or roll it.

Apply Sikagard®-850 Primer evenly over the prepared coating with a brush or long hair roller at the required consumption rate.

### CLEANING OF TOOLS

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

## 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 cur-

rent 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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