

PRODUCT DATA SHEET

Sikagard[®]-850 Primer

Primer for Sikagard[®]-850 Clear on uncoated mineral substrates

PRODUCT DESCRIPTION

Sikagard[®]-850 Primer is a 1-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 as Protective coating. DoP number: 50264739

PRODUCT INFORMATION

Packaging	0,8 kg container 4 kg container Refer to current price list for packaging variations
Appearance / Colour	Clear viscous liquid
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.
Density	~0.87 g/cm ³
Flash Point	~+35°C
Volatile organic compound (VOC) content	~500 g/l (calculated)
Viscosity	~110 mPa·s (+20 °C) ~90 mPa·s (+40 °C)

SYSTEM INFORMATION

System Structure	System part	Product
	Primer for uncoated substrates (excluding wood)	Sikagard®-850 Primer
	Primer for existing coated mineral substrates	Sikagard®-850 Activator
	Top coat	Sikagard®-850 Clear

APPLICATION INFORMATION

Consumption	Note: Generally 1 coat is sufficient on a suitably prepared, uniform and primed substrate. ~100 to 150 g/m ²
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">Typically 2 to 3 hours depending on weather conditionsWait until the surface is no longer wet but still tacky

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.

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

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 QUALITY / PRE-TREATMENT

Suitable substrates are:

- Fair faced concrete, masonry, cementitious render
- Important:** On substrates with a rough surface profile, it will be difficult to produce an even coating thickness. This may result in reduced protection and cleanability. Pre-levelling or smoothing the surface is recommended before coating application.
- Note: For surface levelling, filling blow holes or repairs to concrete, masonry and cementitious render, use suitable products from the Sika MonoTop® range.
- Substrate must be clean, dry, sound and free of all contaminants such as dirt, oil, grease and loose friable material which can reduce the adhesion of the coating.
 - Prepare the substrate using suitable mechanical preparation equipment such as abrasive sanding tools, steam cleaning, blast cleaning or low / high - pressure water jetting.

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, roller or spray.

Apply Sikagard®-850 Primer evenly over the prepared coating with a brush, fleece roller or airless spray equipment 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

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.

DIRECTIVE 2004/42/CE LIMITATION OF EMISSIONS OF VOC

According to the EU Directive 2004/42/CE, the maximum allowed content of VOC (product category IIA / h type sb) is 750 g/l (Limits 2010) for the ready to use product.

The maximum content of Sikagard®-850 Primer is ≤ 750 g/l VOC for the ready to use product.

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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