

## PRODUCT DATA SHEET

# Sikagard®-625 ClearCoat

Transparent coating based on acrylic dispersions for stone, masonry and concrete

### DESCRIPTION

Sikagard®-625 ClearCoat is a water based, invisible, protective coating that is suitable for all forms of natural stone, concrete and masonry. It protects against stains, discoloration, efflorescence and soiling. When applied on marble, brick, limestone and mortar joints, it will seal and reduce staining and water absorption. It can be used internally or externally without changing the aesthetic look of the surface & can be used for protection of concrete and other mineral facade surfaces.

Due to self crosslinking polymers it gives very high resistance to alkaline substrates, protects the top coat of several coatings and gives very high efflorescence resistance.

### USES

- Seals and protects natural stone
- Suitable for use on natural stone including Indian sandstone, granite, slate and limestone
- Ideal for use on paths, patios and block paving
- Protection of concrete, mortar, masonry and other mineral facade surfaces
- Internal and external use

Note: Sikagard®-625 ClearCoat is a water repelling and protective coating and must not be considered as a waterproofing coating for stone / concrete / masonry substrates.

### CHARACTERISTICS / ADVANTAGES

- Protection of both internal and external surfaces
- Smaller polymer particles penetrate deeply to provide excellent substrate adhesion
- Easy to apply, no special tools required
- Water based and non-flammable
- Solvent free, zero VOC
- Protects from accidental spillage
- Suitable for porous substrates with over coating
- High resistance to alkali
- Efflorescence resistant
- Non tacky in short time
- Reduces tendency to dirt pick up
- Excellent water repellent
- Very low water penetration into substrate
- Spray application possible

### PRODUCT INFORMATION

<b>Chemical base</b>	Acrylic polymer dispersion	
<b>Packaging</b>	5 kg container	
<b>Shelf life</b>	12 months from date of production	
<b>Storage conditions</b>	The product must be stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight and frost.	
<b>Appearance / Colour</b>	Initial	Milky white liquid
	Cured appearance	Transparent, with little sheen

#### IMPORTANT

In case of continuous rainfall or water contact for few hours, some milky white patch impression is visible on the substrate. It does not affect the performance of the product and disappears over a period of drying time to its original aesthetic look.

Density	~1.05 kg/L
Solid content by weight	~25 %

## TECHNICAL INFORMATION

Tensile adhesion strength	≥ 1.5 N/mm <sup>2</sup>	(EN 1542)
Water absorption	~12 % by weight after 24 hour water immersion	(ASTM D570)
Microbiological resistance	Excellent	
Microbiological resistance	Excellent	
Resistance to weathering	Excellent	

## SYSTEM INFORMATION

System structure	<b>Stone / Masonry / Porous concrete substrate:</b>	
	<b>Layer</b>	<b>Product</b>
	Base coat	Sikagard®-625 ClearCoat
	Top coat	Sikagard®-625 ClearCoat
	<b>Dense concrete substrate:</b>	
	<b>Layer</b>	<b>Product</b>
	Primer coat	Sikagard®-551 S Elastic Primer
	Base coat	Sikagard®-625 ClearCoat
	Top coat	Sikagard®-625 ClearCoat

## APPLICATION INFORMATION

Consumption	~0.12 to 0.15 kg/m <sup>2</sup> per coat depending on porosity and absorption of the substrate. Minimum 2 coats are recommended. For spray applications, consumption shall be little higher.	
Ambient air temperature	+8 °C min. / +45 °C max.	
Substrate temperature	+8 °C min. / +45 °C max.	
Waiting time / Overcoating	<b>Substrate temperature</b>	<b>Overcoating time</b>
	+20 °C	5–6 hours
	+35 °C	2–3 hours

## 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

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

### SUBSTRATE QUALITY / PRE-TREATMENT

- All surfaces to be sealed must be clean and free of dust, oil and grease.
- Allow cements, mortars and stucco to cure for 24 hours before applying sealer.
- On new paving remove any dust or loose material by sweeping with a stiff brush.
- When applied on exterior coatings and porous substrates, the surface must be cleaned with water and allowed to dry.

## MIXING

The materials are supplied ready to use. Stir thoroughly using a conventional paint stirrer prior to application.

## APPLICATION

### IMPORTANT

Freshly applied coating must be protected from rain for at least 3 hours at +30 °C.

1. Apply the sealer onto the prepared substrate by good quality long pile roller or suitable brush in dry weather. Ensure a continuous, pore free coat covers the substrate.
2. Apply second coat on demanding substrates after the first coat is tack free.
3. When applying to masonry joints, the coating must be brushed well into the joints.

Note: Avoid puddles on the surface during application.

Note: A consumption / appearance trial is recommended before use.

## CLEANING OF TOOLS

Clean all equipment with clean water. Hardened / cured 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 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.

**Sika India Pvt. Ltd.**  
620, Diamond Harbour Road  
Commercial Complex II  
Kolkata - 700 034  
West Bengal, India

**Contact:**  
Phone: +91 33 2447 2448  
Fax: +91 33 2397 8688  
info.india@in.sika.com  
www.sika.in



**Product Data Sheet**  
**Sikagard®-625 ClearCoat**  
March 2023, Version 02.01  
02189010000000125

Sikagard-625ClearCoat-en-IN-(03-2023)-2-1.pdf