

PRODUCT DATA SHEET

Sikagard®-700 MY

SILOXANE BASED WATER REPELLENT IMPREGNATION

DESCRIPTION

Sikagard®-700 MY is a 1-part water repellent impregnation for absorbent cementitious substrates. It penetrates well into the open pores of the substrate, providing durable water repellency, while still allowing water vapour diffusion in both directions.

USES

Sikagard®-700 MY is used as water repellent and colourless protective surface treatment absorbent exposed materials such as concrete, cementitious rendering, concrete tiles, fibre cement, brickwork (clay and lime sand, non vitrified), natural stone, etc. Sikagard®-700 MY can also be used as hydrophobic primer under solvent based or emulsion protective coating.

CHARACTERISTICS / ADVANTAGES

- Reduction of capillary water absorption
- Reduces efflorescence
- Reduces dirt penetration into the pores
- Improves thermal insulation
- Can be overcoated with solvent based and dispersion coating
- Higher durability and resistance than conventional silicone based treatments
- Does usually not change the appearance of the substrate
- Reduces chloride ion ingress and movement
- Does not act as a vapour barrier

PRODUCT INFORMATION

Composition	Silanes/Siloxanes blend in organic solvent
Packaging	<ul style="list-style-type: none"> ▪ 20 L pail ▪ 200 L drum
Appearance / Colour	Colourless liquid
Shelf Life	12 months from date of production
Storage Conditions	Store in undamaged and unopened, original sealed packaging, in cool and dry conditions at temperatures at maximum +27 °C. Keep away from direct sunlight.
Density	~0.80 kg/l (at +20 °C)
Flash Point	~36–40 °C

APPLICATION INFORMATION

Consumption	On concrete	~0.15–0.20 kg/m ² per coat
	On brick or natural/artificial stone	~0.30–0.50 kg/m ² per coat
When used as stand alone, always apply a minimum of 2 coats. When used as primer, application of 1 coat is sufficient.		
Ambient Air Temperature	+5 °C min. / +35 °C max.	
Substrate Temperature	+5 °C min. / +35 °C max.	
Substrate Moisture Content	5 % max.	
Waiting Time / Overcoating	Can be overcoated with water/solvent based polymer paints - contact the paint manufacturer for details. When overcoating with Sikagard® or SikaColor® Emulsion or solvent based coating, wait at least 5 hours after the application of hydrophobic impregnation.	

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Cleaning is best achieved by brushing with suitable detergents or by light blastcleaning or steam cleaning, etc.

Best results are obtained on dry, very absorbent substrates. The substrate must look dry with no damp patches.

Free of dust, oil, efflorescence and existing paint coatings.

Cracks of more than 200 microns must be repaired prior to application of the hydrophobic treatment.

MIXING

Sikagard®-700 MY is supplied ready for use and should not be thinned.

APPLICATION

Sikagard®-700 MY is applied using low pressure spray, brush or roller, working from top to bottom taking care not to let the product run. Apply subsequent coats “wet on wet”.

CLEANING OF TOOLS

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

IMPORTANT CONSIDERATIONS

- Minimum age of concrete or mortar: at least 4 weeks.
- Cannot be overcoated with limewash or cement paint.
- If there are strict aesthetic requirements (often when used on natural stone), it is recommended to make preliminary tests as on some stones a slight darkening of the surfaces may result.
- Sikagard®-700 MY is not intended for waterproofing under hydrostatic pressure, in permanent contact with water, or for below grade waterproofing.
- Sikagard®-700 MY is not intended to seal visible cracks from moisture ingress.
- Building components not to be coated (e.g. aluminium frames, windows, etc.) need to be protected

from contact with Sikagard®-700 MY. In case of splashes, clean immediately using an additional solvent if necessary.

- Sikagard®-700 MY does not require any special curing but must be protected from rain for at least 3 hours at +20 °C.

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.

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.

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