

PRODUCT DATA SHEET

Sikagard[®]-72 W

SILANE-SILOXANE BASED WATER REPELLENT IMPREGNATION

DESCRIPTION

Sikagard[®] 72 W is an impregnation for cementitious, brick & stone cladded substrate to impart water repellency. It impregnates into the open pores of the substrate to stop water absorption maintaining the breathing character of the substrate.

USES

- Imparts water repellency to cementitious and stone cladded substrates
- Impregnation for mortar, brick, stone and masonry surfaces

CHARACTERISTICS / ADVANTAGES

- Easy to apply
- Reduces capillary water absorption
- Improves resistance to frost and de-icing salts
- Transparent surface treatment
- No efflorescence
- No dirt penetration
- Reduces the growth of algae and fungi
- Lotus leaf effect
- Prolongs life of paint

PRODUCT INFORMATION

Chemical Base	Silane-Siloxane				
Packaging	Part A: 900g Part B: 100g (Base : Activator: 0.1kg:0.9kg), 1 Kg x 6				
Appearance / Colour	Comp A: Turbid liquid (Activator) Comp B: Reddish liquid (Base)				
Shelf Life	12 months from date of production if stored properly in unopened original packaging. Protect from frost.				
Storage Conditions	Store properly in unopened original packaging. Protect from frost.				
Density	Mixed Density : 1.00 kg/l				
Consumption	One pack of 1kg covers approximately 30-50 sq. ft in 2 coats depending on the nature and porosity of the substrate and method of application. For theoretical coverage on various substrate refer below table : <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Brick Surface</td> <td>400gms/m² (2 coats wet on wet application)</td> </tr> <tr> <td>Plastered Surface</td> <td>100gms/m² (2 coats wet on wet application)</td> </tr> </table>	Brick Surface	400gms/m ² (2 coats wet on wet application)	Plastered Surface	100gms/m ² (2 coats wet on wet application)
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SUBSTRATE QUALITY / PRE-TREATMENT

The substrate should be free from grease, oil and loosely adhering particles.
Clean the substrate well by a bristle brush to remove dust, algae and fungi. Remove the dust generated on the surface after cleaning.

MIXING

Pour the contents of the base in the activator and mix the total contents supplied in the combipack.

APPLICATION

Brush or spray apply the mix on the substrate, two coats, wet on wet on the exterior depending on the substrate porosity.
In case of repainting, the new paint can be applied directly on the previously applied Sikagard®-72 W surfaces after normal surface preparation as per usual practice.
Note: Before applying Sikagard®-72 W be sure to cover windows and other non-absorbent surfaces properly because the product cures so quickly that it will be extremely difficult, if not impossible, to remove after a few days. Wipe off any splashes on window panes immediately using soapy water or, if necessary, an organic solvent.

CLEANING OF TOOLS

Clean all tools and application equipment with petrol immediately after use.

LIMITATIONS

Full cure : 24 hrs.
Sikagard®-72 W does not require any special curing but must be protected from rain for at least 6 hours at +30°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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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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 Material Safety Data Sheet 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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