

## PRODUCT DATA SHEET

## Sikagard®-905 W

Waterproof surface preparer

## DESCRIPTION

Sikagard®-905 W is an acrylic, water-based impregnation, ready to use, to be used in treatment of porous surfaces like plaster and natural stones. Is an ink-saving sealer, preparing bottom, enhancing paint adhesion, effective waterproofing and prevents mold, mildew and efflorescence.

## USES

Sikagard®-905 W can be used as:

- As a sealer and primer for plastered surfaces;
- As a waterproofing for plastered surfaces;
- As a surface hardener for weak and powdery substrates;
- For prevention and treatment against mold, mildew and efflorescence;
- As protection of stones and exposed bricks;
- Can be used in indoor and outdoor environments;
- Waterproofing for the rustic surface of marble and granite floors;

## CHARACTERISTICS / ADVANTAGES

- High penetration;
- Almost invisible when dry;
- Can be painted or covered with wallpaper;
- UV resistant;
- Promotes savings in ink consumption;
- Protects and preserves the paint on the walls;
- Makes surface waterproof, protecting against aggressive agents;
- Avoids stains on natural stone floors, such as marble and granite, due to water absorption;
- Effective in protecting against rising damp.

## PRODUCT INFORMATION

Packaging	5 litres bottle
Appearance / Colour	Milky white liquid
Shelf Life	12 months from date of production if stored properly in undamaged and unopened original sealed containers
Storage Conditions	Store in dry conditions protected from frost at temperatures higher than +5°C. Protect from excessive heat.
Density	1.01 kg/l

## APPLICATION INFORMATION

Consumption	Generally 0.2 to 0.3 l/m <sup>2</sup> per coat dependent on the substrate porosity.
Ambient Air Temperature	+5°C min. / +35°C max.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Remove any existing paint, wall paper or wall coatings that has been damaged by moisture prior to treatment.

Remove any visible traces of saltpetre, mould or other biological growths.

- Brush the substrate thoroughly
- Clean with fresh water
- Allow the substrate to dry out superficially before application

### MIXING

Sikagard®-905 W is supplied ready for use. Shake the pail prior to use

### APPLICATION

Apply Sikagard®-905 W by brush or roller ensuring full saturation, brushing or rolling well into the substrate. On highly absorbent substrates, a second coat might be necessary. Allow the first coat to dry prior to applying the subsequent coat.

### CLEANING OF TOOLS

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

## LIMITATIONS

- Sikagard®-905 W is unable to prevent damage due to condensation on cold walls (e.g. in poorly ventilated rooms).
- Sikagard®-905 W cannot be used to make good excessively damaged substrates requiring complete re-surfacing (e.g. deteriorated softened plaster, etc.).
- If not overcoated, in certain circumstances, Sikagard®-905 W might change the visual aspect of the surface slightly - always carry out preliminary tests prior to full application.
- Allow Sikagard®-905 W to fully dry out tack free prior to over painting or applying wall paper.
- When overcoating with wall paper, use a wall paper adhesive designed for non-absorbent substrates.
- When overcoating with washable wall paper, use a mould resistant adhesive

## 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.

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## 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.

### DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

According to the EU-Directive 2004/42, the maximum allowed content of VOC (Product category IIA / g type wb) is 30 (Limit 2010) for the ready to use product. The maximum content of Sikagard®-905 W is approx. 0.0 g/l 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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