

Sikagard®-905 W

Saltpetre and humidity treatment - surface hardening impregnation

Product Description

Sikagard®-905 W is a ready to use, water based resin damp-proofing and hardening impregnation. Sikagard®-905 W is clear after drying. Sikagard®-905 W forms a physical barrier which prevents mould and biological growth.

Uses

Sikagard®-905 W is used to prevent damp in plastered or rendered surfaces, brick or stone etc. Due to its low viscosity, it penetrates deeply into the substrate and forms an invisible water damp-proof barrier.

- Saltpetre treatment
- Prevention of mould growth by reducing the water absorption.
- Damp-proofing and surface hardening
- Sikagard®-905 W is also used as a surface hardener for weak and dusty substrates, both indoors and outdoors.
- Sikagard®-905 W can be used as a pre-treatment improving surfaces for painting works on weak or dusty surfaces.

Characteristics / Advantages

- Very low viscosity
- Almost invisible after drying
- Can be over-coated with paint or wall paper
- Can be used internally and externally
- Does not contain any biocide or any algaecide raw material
- UV resistant

Product Data

Form

Appearance / Colour Milky white liquid

Packaging 5 litres bottle

Storage

Storage Conditions / Shelf Life 12 months from date of production if stored properly in undamaged and unopened original sealed containers in dry conditions protected from frost at temperatures higher than +5°C. Protect from excessive heat.



Technical Data

Odour	Has characteristic odour.
Density	1.01 kg/l
pH Value	7.5 ±1
Viscosity	Brookfield needle 1, speed 60 rpm: ~ 3.9 mPa.s

System Information

Application Details

Consumption	Generally 0.2 to 0.3 litres/m ² per coat dependent on the substrate porosity.
Substrate Preparation	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. <ul style="list-style-type: none">- Brush the substrate thoroughly- Clean with fresh water- Allow the substrate to dry out superficially before application

Application Conditions / Limitations

Ambient Temperature	+5°C min. / +35°C max.
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Application Instructions

Mixing	Sikagard®-905 W is supplied ready for use. Shake the pail prior to use.
Application Method / Tools	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.

Notes on Application / Limitations	<ul style="list-style-type: none">- 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 resurfacing (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
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Value Base	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.
Health and Safety Information	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.
EU Regulation 2004/42 VOC - Decopaint Directive	According to the EU-Directive 2004/42, the maximum allowed content of VOC (Product category IIA / g type wb) is 50/30 (Limit 2007 / 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.



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