

# Sikagard®-915 Stainprotect

## Special Impregnation / Sealer for Stain Protection of cementitious Sikafloor® and SikaScreed® HardTop® range

<b>Product Description</b>	Sikagard®-915 Stainprotect is a single component, silane based solvented impregnation / sealer to provide excellent water and oil repellent effect and a durable stain protection to mineral cementitious and concrete surfaces and stone.
<b>Uses</b>	<p>Sikagard®-915 Stainprotect efficiently reduces the penetration of aqueous liquids, grease, oils and other staining elements, either indoors or outdoors. It can be used in the following areas:</p> <ul style="list-style-type: none"><li>■ Industrial floors and warehouses</li><li>■ Mineral floors in commercial areas</li><li>■ Markets, shopping malls, supermarkets, etc.</li></ul> <p>Sikagard®-915 Stainprotect can be applied on the following porous surface:</p> <ul style="list-style-type: none"><li>■ Concrete floors, grinded or not</li><li>■ Deactivated concrete surface</li><li>■ Self-levelling screeds or toppings, etc.</li></ul> <p>This product is only designed to provide a purely aesthetical protection to cementitious mineral substrates and concrete. No additional protection properties are implied.</p>
<b>Characteristics / Advantages</b>	<ul style="list-style-type: none"><li>■ Single component, no thinning required</li><li>■ Solvent based</li><li>■ UV and weathering resistant</li><li>■ Oil, diesel and water protection</li><li>■ Unaffected by de-icing salts</li><li>■ Very easy application</li><li>■ Very low consumption required</li><li>■ Good durability</li><li>■ Reduced maintenance</li><li>■ Improves freeze and thaw resistance</li></ul>
<b>Product Data</b>	
<b>Chemical Base</b>	Silanes in ethyl alcohol
<b>Packaging</b>	10 litre plastic canister
<b>Appearance / Colour</b>	Clear-yellowish liquid / transparent once dry
<b>Shelf Life</b>	12 months from date of production
<b>Storage Conditions</b>	Store properly in original unopened, sealed and undamaged packaging, in cool and dry conditions. Protect from direct sunlight and frost. Open canisters must be consumed as soon as possible.
<b>Density</b>	~ 0.86 kg/litre at +20°C

Construction



## System Information

### System Structure

#### Build-up:

1 \* (2 \*) Sikagard®-914 W Stainprotect Primer  
(not grinded surfaces with grit < 100)

1 \* Sikagard®-915 Stainprotect

In case of not grinded surfaces apply one layer of Sikagard®-914 W Stainprotect Primer first. If additional protection against water or oil is required or in case of a very porous substrate, apply a second coat of Sikagard®-914 W Stainprotect Primer by itself as the protection coating.

## Application Information

### Consumption

#### Concrete or cementitious levelling screed: Polished or grinded surfaces (grit > 100) only Sikagard®-915 Stainprotect

	Grinded/polished surface	Not grinded/power trowelled
1 <sup>st</sup> application	~ 0.05 – 0.02 lt/m <sup>2</sup>	~ 0.10 – 0.02 lt/m <sup>2</sup>
2nd application	~ 0.05 – 0.01 lt/m <sup>2</sup>	~ 0.10 – 0.01 lt/m <sup>2</sup>

Depending on floor adsorption and grinding or polishing finish of the substrate, a second coat can be necessary, when no Sikagard®-914 W Stainprotect Primer has applied. Floor must be saturated with Sikagard®-915 Stainprotect, so consumption for second coat can be vary from ~ 0.05 – 0.01 lt/m<sup>2</sup> (~ 20 – 100 m<sup>2</sup>/lt).

#### Concrete or cementitious levelling screed: Not grinded surfaces (grit < 100) Sikagard®-914 W Stainprotect Primer + Sikagard®-915 Stainprotect

	Grinded/polished surface	Not grinded/power trowelled
1 <sup>st</sup> application Sikagard®-914 W Stainprotect Primer	~ 0.05 – 0.03 lt/m <sup>2</sup>	~ 0.10 – 0.05 lt/m <sup>2</sup>
2nd application Sikagard®-914 W Stainprotect Primer	none	~ 0.50 lt/m <sup>2</sup>
1 <sup>st</sup> application Sikagard®-915 Stainprotect	~ 0.05 – 0.02 lt/m <sup>2</sup>	~ 0.05 – 0.02 lt/m <sup>2</sup>
2nd application Sikagard®-915 Stainprotect	none	none

To best determine the consumption, apply Sikagard®-915 Stainprotect on a sample area of the same substrate type.

**Ambient Air Temperature** +10°C min. / +30°C max.

**Relative Air Humidity** 100 % maximal

**Dew Point** Beware of condensation!  
The substrate and uncured floor must be at least +3°C above dew point to reduce the risk of condensation or blooming on the floor finish.

**Substrate Temperature** +10°C min. / +30°C max.

**Substrate Moisture Content** Substrate must be as dry as possible to aid penetration. A slight dampness of substrate is acceptable but will reduce penetration.

**Waiting Time / Overcoating** Whenever required, waiting time between two coats:

Temperature	Time
+10°C	~ 24 hours
+20°C	~ 15 hours
+30°C	~ 7 hours

Note: times are approximate and will be affected by changing ambient and substrate conditions. Water and oil repellent effect develops after 2 – 3 hours.

<b>Applied Product Ready for Use</b>	Substrate temperature	fully serviceable
	+10°C	~ 48 - 72 hours
	+20°C	~ 24 - 48 hours
	+30°C	~ 24 hours
Note: times are approximate and will be affected by changing ambient and substrate conditions.		

## Application Instructions

<b>Substrate quality</b>	<b>Hardened / old concrete</b> Surfaces must be sound, open textured, clean, free from frost, laitance, surface water, oils, grease, coatings, all loosely adhering particles and other surface contaminants.
	<b>For both new works and refurbishment</b> Make sure that the surface of the substrate is thoroughly dry. The presence of dampness will reduce penetration.
<b>Mixing</b>	Sikagard®-915 Stainprotect is supplied ready to use. Do not thin down the material. Shake up well the product prior to use.
	<b>Concrete or cementitious levelling screed grinded or polished surfaces</b> Apply Sikagard®-915 Stainprotect uniformly on the surface with an airless sprayer and a suitable nozzle (0.1 is recommended). Distribute the material with a microfiber mop. A thin, smeary film must remain on top. Within the next 10 minutes, polish the surplus protective film with a single disc machine and a white pad / polishing pad. This creates a nice smooth gloss film. Polish before the product starts drying!
	<b>Concrete or cementitious levelling screed not grinded surfaces (grit &lt; 100)</b> For rough, absorbent floors use Sikagard®-914 W Stainprotect Primer as pre-treatment. Let the material cure between 1 – 2 hours. For very absorbent substrates a second application may be required. After priming is complete and completely dry, apply Sikagard®-915 Stainprotect. All applied material must penetrate into the floor or be removed by polishing, otherwise surplus material starts to dry up on top and cannot be removed.
<b>Cleaning of tools</b>	Clean all tools and application equipment with alcohol, white spirit or other adequate solvent immediately after use. Cured / hardened material can only be mechanically removed. Do not use acetone or cellulose thinner.
<b>Maintenance</b>	To maintain the appearance of the floor after application, Sikagard®-915 Stainprotect must have all spillages removed immediately and must be regularly cleaned using rotary brushes, mechanical scrubbers, scrubber dryers, high pressure washers, wash and vacuum techniques, etc., using suitable detergents and waxes.

## Limitations

- Sikagard®-915 Stainprotect also enhances the gloss of the surface. The water adsorption will be greatly reduced but the diffusion of water vapour will only be marginally affected.
- Do not over apply Sikagard®-915 Stainprotect – do not leave any ponding of the material during application and remove before it dries.
- Depending on the water adsorption, the appearance of the surface could change more or less, because the product affects colour enhancement.
- The effectiveness will depend on the type of material and the porosity and adsorption of the surface. Depending on the material and surface treatment, it can also lead to different results in the resistance to stain protection.
- If too much product is applied, a strongly darker surface can be expected.
- The acidic sensitivity of mineral surfaces will continue to exist, but will be reduced.
- Protect nearby areas prior to the application of Sikagard®-915 Stainprotect.
- Avoid direct solar exposure during application.
- Avoid direct moisture until the product has completely dried.
- Floor heating must be turned off.
- Good ventilation must be provided during and after application.
- Applied by spraying, observe the special safety precautions required.
- The active ingredients are UV stable and will not cause the surface to turn yellowish.
- The use of the products is based on local circumstances and on the characteristics of the surface itself. If there is no experience, and in case of doubt, we recommend to try the products in and inconspicuous spot.
- Overcoating is not necessary, if Sikagard®-914 W Stainprotect Primer has been applied before. It may only be required when you use Sikagard®-915 Stainprotect without the primer (e.g. low absorbing concrete floors, grinded/polished concrete) maybe two coats are needed.
- Do not apply Sikagard®-915 Stainprotect on self-levelling compounds which contain gypsum.

## Health and Safety Information

<b>Value Base</b>	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.
<b>Local Restrictions</b>	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.
<b>Important Safety Information</b>	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.
<b>Legal Notes</b>	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 Österreich GmbH  
 Dorfstrasse 23  
 AT-6700 Bludenz  
 Österreich

Phone +43 50 610-0  
 Telefax +43 50 610-1901  
 www.sika.at