



## PRODUCT DATA SHEET

# Sikagard<sup>®</sup>-215 Siloxane 7

SILOXANE 7 BRICK & MASONRY PENETRATING SEALER

### PRODUCT DESCRIPTION

A clear, durable, water-repellent, specialty formulation for use on exterior, above-grade, vertical and horizontal brick and masonry surfaces. With just one coat, it minimizes the deterioration of masonry and mortar, and helps control efflorescence (salt deposits) and surface staining.

### WHERE TO USE

On exterior, above-grade, vertical and horizontal:

- Brick and masonry surfaces
- Concrete
- Stucco
- Slate
- Cultured and natural stone

### CHARACTERISTICS / ADVANTAGES

- Invisible barrier against moisture
- Breather-type finish – keeps water droplets out but allows water vapor to escape
- Contains Silane/Siloxane
- Resists 158km/h (98 mph) wind-driven rain
- Service life is estimated at more than 10 years
- Non-yellowing

### APPROVALS / CERTIFICATES

Conforms to ASTM D6904, Resistance to Wind Driven Rain.

### PRODUCT INFORMATION

<b>Composition / Manufacturing</b>	Silane/siloxane
<b>Packaging</b>	3.78 L (1 US gallon) pail / 2 pails per box 18.93 L (5 US gallons) pail
<b>Shelf Life</b>	2 years in original, undamaged and unopened packaging
<b>Storage Conditions</b>	Store dry at temperatures between 7 - 32 °C (45 - 90 °F). Keep from freezing. Condition material between 10 - 24 °C (50 - 75 °F) before using
<b>Appearance / Colour</b>	Transparent
<b>Density</b>	22.5 ± 0.3 (S.G. 2.69 ± 0.02) lb/US gal.
<b>Solid content by weight</b>	+7% ± 2
<b>Viscosity</b>	11 seconds Ford #4 cup @ 21 °C (70 °F)

## Volatile organic compound (VOC) content 28 g/L

<b>Yield</b>	5.16 m <sup>2</sup> /L (210 ft <sup>2</sup> /US gal.) <b>Note:</b> Actual coverage will vary depending upon application method, surface texture, and porosity.
<b>Layer Thickness</b>	Flood to the point of rejection
<b>Drying time</b>	30 Minutes

## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## WHERE TO USE

- Do not use over silicone treated surfaces.
- Do not apply on asphalt surfaces.
- Substrate must be dry prior to application (minimum 48 hours).
- Do not apply if rain is in the forecast (48 hours prior to or after application).
- Cannot seal visible cracks. Repair all cracks or surface defects before sealing.
- Do not use on concrete under seven day old.
- Does not contain a antimicrobial additive.

## ENVIRONMENT, HEALTH & SAFETY

### SUBSTRATE PREPARATION

Any previous film forming (Non Penetrating) coatings must be removed. The surface should be clean, dry, and free from dirt, mildew, and all loose particles. Cracks, holes, and loose mortar joints should be repaired using a suitable concrete patch or mortar mix. For best results, Sikagard®-215 Siloxane 7 should be applied following a rain-free period of at least 2 days.

**EFFLORESCENCE**, a white, powdery, crystal-like deposit visible on the masonry surface, must be removed. Muriatic acid, used according to manufacturer's directions, is effective efflorescence removal agent. All masonry surfaces are subject to occurrences of efflorescence.

### MIXING

No mixing required, the product is ready-to-use. Just shake the can thoroughly before applying.

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## APPLICATION

### DO NOT THIN.

Protect glass, wood surfaces, and shrubbery from overspray. This product will not damage asphalt shingles. The most effective method of application is the use of an ordinary garden pump sprayer. Eliminate most of the pressure at the spray nozzle and operate at the lowest practical pressure on the tank. The nozzle should be opened to a coarse spray adjustment. For even flooding of material, start at the bottom of the wall and hold the spray at an angle to avoid splashing. It is important to hold the spray tip close to the surface to avoid streaking. If Sikagard®-215 Siloxane 7 is applied with a brush, flow on liberally, do not brush out, to ensure even flooding of the surface. If a second coat is applied, apply wet on wet within 5 minutes. Apply only when air and surface temperatures are 10 °C (50 °F) or higher.

## 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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