



PRODUCT DATA SHEET

Sikagard[®]-218 Natural Look

Curing Membrane & Penetrating Sealer

PRODUCT DESCRIPTION

A specially formulated Curing Membrane & Penetrating Sealer soaks right in and provides matte protection that looks beautiful and natural. Use on interior and exterior masonry surfaces, including concrete driveways, basement floors, garage floors, concrete sidewalks, patios, terrazzo, brick, and slate.

WHERE TO USE

- One-coat penetrating sealer
- Ideal masonry primer
- Hardens concrete

CHARACTERISTICS / ADVANTAGES

Water base, non-yellowing.

APPROVALS / CERTIFICATES

Sikagard[®]-218 Natural Look meets ASTM Specification C309.

PRODUCT INFORMATION

Composition / Manufacturing	Water base
Packaging	3.78 L (1 US gallon) pail / 2 pails per box 18.93 L (5 US gallons) pail
Shelf Life	5 years in original, undamaged and unopened packaging.
Storage Conditions	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
Appearance / Colour	Milky white when applied but dries matte clear
Density	1.00 ± 0.03 kg/L (8.4 ± 0.3 lb/US gal.)
Solid content by weight	15% ± 0.5%
Solid content by volume	14% ± 0.5%
Viscosity	11 seconds Ford #4 cup @ 25 °C (77 °F)
pH-Value	8.1 - 8.5

Volatile organic compound (VOC) content Does not exceed 100 g/L

Yield	• 9.80 m ² /L (400 ft ² / US gal.) Note: Actual coverage will vary depending upon application method, surface texture, and porosity.
Layer Thickness	0.1 mm (5 mil) w.f.t. /coat
Drying time	2 hours Recoat: 3 hours

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

- Sikagard®-218 Natural Look is not recommended as a waterproofer. For masonry walls subjected to hydrostatic pressure, use DRYLOK® Masonry Waterproofer.
- Do not use over silicone treated surfaces.
- Do not apply on asphalt surfaces.
- Do not use as a primer/sealer in a garage setting when subject to vehicle traffic
- 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 (7) days old.
- Avoid puddling; apply even coats (when required).
- Do not attempt to build up thickness.
- Does not contain a antimicrobial additive.
- Not recommended for stained concrete.
- To penetrate denser surfaces, rinsing surface

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

For freshly poured concrete: Apply after concrete sets for at least 24 hours. Make sure no water puddles are present. Concrete may be slightly wet before applying.

For fully cured concrete: Remove all dirt, wax, dust, mildew, and loose or scaling material with a scraper,

wire brush, or stiff bristle brush. Grease, wax, and oil should be removed by scrubbing with a heavy duty detergent in warm water. Rinse thoroughly with clean water. Allow to dry. If using a pressure washer, do not use on a pressure setting above 12.06 MPa (1750 psi) to avoid damaging the concrete. Remember, concrete acts like a sponge - pressure washing and general cleaning may trap residual moisture in the concrete. To check for trapped moisture, tape a 12 po x 12 po (12 in x 12 in) piece of 3 mil plastic or aluminum foil tightly on all four edges to the surface. Remove it after 24 hours. If the floor side of the plastic or foil is damp, allow additional drying and repeat the test.

EFFLORESCENCE, a white, powdery, crystal-like deposit visible on the masonry surface, should be removed. A muriatic acid solution, used according to manufacturer's directions, is an effective efflorescence removal agent. All masonry surfaces are subject to occurrences of efflorescence. Properly prepared concrete should look and feel like medium grit sandpaper. If concrete remains smooth, repeat muriatic acid solution procedure. Test concrete porosity by sprinkling a few drops of water on to the surface in several areas. If the water is readily absorbed, you are ready to paint. If it beads or lays on the surface, additional cleaning and muriatic acid solution is needed. Rinse thoroughly with clean water and allow to dry for 24 hours.

MIXING

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

Thinning: Due to variations in porosity, when applied over flagstone, slate, terrazo, dense smooth or light colored concrete, thin with clean, moderately warm water 10%—20% to minimize sheen variations as subsequent top coats are applied. In addition, light colored concrete may darken unevenly due to variations in porosity. Test on a small area to see final effect.

APPLICATION

Apply only when air and surface temperature is above 10 °C and humidity below 20 °C. Do not apply if raining or if it will rain within 48 hours of application. Sikagard®-218 Natural Look appears milky in the can but dries clear. Apply by brush, roller, spray, or squeegee. Spread evenly - do not allow puddles or a heavy surface film to occur. Apply one coat using thin even strokes. Extremely porous surfaces may require a second coat. Allow 6 hours drying time between coats. Additional coats will cause surface to be slippery when wet. On light-colored surfaces, some darkening may take place; test in an inconspicuous area to be sure darkening does not occur. May be applied to surfaces previously coated with a similar treatment. For best results, test a small area for proper adhesion prior to coating entire surface.

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

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