

PRODUCT DATA SHEET

DRYLOK® Protector

Clear, low sheen, penetrating sealer for concrete and masonry

DESCRIPTION

DRYLOK® Protector provides clear weatherproof protection against deterioration caused by de-icing salt, gasoline, oil, weathering and efflorescence (salt-like deposits visible on masonry). The unique SALTLOK® Technology penetrates into the surface providing superior resistance to efflorescence staining on brick, block and poured concrete surfaces. DRYLOK® Protector seals bare masonry surfaces against dusting, staining, surface cracking and pock marking.

USES

As a sealer on:

- Interior / Exterior / Horizontal / Vertical masonry
- Concrete driveways / sidewalks/ retaining walls
- Garage / Basement floors
- Brick siding / walkways
- Terrazzo / slate surfaces

Primer-Sealer prior to applying:

- DRYLOK Latex Concrete Floor / DRYLOK E1
- Latex, alkyd, polyurethane floor paints or carpeting

CHARACTERISTICS / ADVANTAGES

- Protects against road salt, weathering, gasoline & oil
- Prevents excessive dusting, surface cracking & pitting
- Solidifies masonry surfaces for top coat
- Minimizes reoccurring efflorescence
- Primes prior to painting

PRODUCT INFORMATION

Composition	Latex base				
Packaging	Size	PC/Case	Sheen	Order No.	Old Order No.
	1 gal	2	Satin	832426	29913
	5 gal	1	Satin	832427	29915
Shelf life	2 years in original, unopen container				
Storage conditions	Store between 50°F (10°C) and 85°F (29°C). Extreme heat or freezing temperatures can damage the product, causing it to separate or thicken. Avoid freezing. Keep away from direct sunlight.				
Density	8.5 lbs./US. gal				
Wet Film Thickness	5 wet mils/coat				
pH-Value	8.5 - 9.5				
Viscosity	10–12 Seconds #4 Ford Cup @ 77°F				
Solid content by mass	19% ± 2				
Solid content by volume	18% ± 2				

TECHNICAL INFORMATION

Freeze thaw resistance	Keep from freezing
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APPLICATION INFORMATION

Coverage	400 ft ² /gal <small>Note: Actual coverage will vary depending upon application method, surface texture, and porosity.</small>
Ambient air temperature	Above 50°F
Relative air humidity	Below 60%
Substrate temperature	Above 50°F

Drying time

To touch	45 minutes
To recoat	1 hour
Full cure	24 to 48 hours

Note: Maximum cure and dry time will be prolonged when slightly humid and damp, cool conditions prevail.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- DRYLOK® Protector is not for use over silicone treated surfaces, or on any masonry surface subjected to hydrostatic pressure.
- This product is not for use over surfaces subject to hydrostatic pressure, surfaces subjected to hydrostatic pressure should be treated with DRYLOK® Masonry Waterproofer.
- Not for use on asphalt surfaces.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

WARNING

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN

DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

INHALATION: Remove to fresh air.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Remove all dirt, wax, dust, mildew, and loose or scaling material with a scraper, wire brush, or stiff bristle brush. Masonry surface must be dry and free of dirt, wax, dust, mildew, and loose or scaling material. For proper penetration and adhesion to extremely smooth bare concrete floors, use DRYLOK® ETCH or muriatic acid. Rinse thoroughly (pressure wash for best results). Allow to dry thoroughly according to manufacturer's directions.

If using a pressure washer, do not use on a pressure setting above 1750 PSI to avoid damaging the concrete. Remember, concrete acts like a stone sponge. Pressure washing and general cleaning may trap residual moisture in the concrete.

To check for trapped moisture, tape a 12"x12" 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.

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02189010000000206

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EFFLORESCENCE, a white, powdery, crystal-like deposit visible on the masonry surface, must be removed. DRYLOK® Etch or muriatic acid, used according to manufacturer's directions, are effective efflorescence removal agents. 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 etching procedure. Test concrete porosity by sprinkling a few drops of water onto 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 etching is needed. Rinse thoroughly with clean water and allow to dry for 24 hours.

NOTE: Rinse etching solutions thoroughly. Etching solution allowed to dry on the masonry surface will prevent proper penetration and curing of the DRYLOK® Protector. Surface must be thoroughly dry. Do not apply to damp surfaces. For exterior surfaces, do not apply if rain is expected within 48 hours. Wait for a dry, rain-free period New concrete and freshly applied Portland cement based patching compounds must be cured for a minimum of 24 hours prior to application of DRYLOK® Protector. Patch all holes and cracks with a suitable cement based patching compound. Be sure to smooth the patch evenly. Allow the patched area to dry thoroughly.

APPLICATION

Stir thoroughly before application. DRYLOK® Protector appears milky in the can but dries clear. Apply only when air and surface temperature is above 50°F and

the relative humidity is below 60%. Apply by brush, roller or squeegee. Spread evenly, do not allow puddles or heavy surface film to occur. Apply one coat. If after one coat, water droplets are readily absorbed into the surface (extremely porous surfaces), a second coat may be required. Allow 1 hour between coats. DRYLOK® Protector should not be used to build up surface film. As additional coats are applied, sheen build-up will occur and surface will become slippery when wet. On light-colored surfaces, some slight darkening may take place.

THINNING

Due to variations in porosity, when applied over flagstone, slate, terrazzo, dense smooth or light colored concrete, thin with clean, moderately warm water 10% - 20% to minimize sheen variations as subsequent top coats are applied. Test on a small area to see final effect.

CLEANING OF EQUIPMENT

Soap and water.

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

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LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at www.drylok.com or by calling SIKA’s Technical Service Department at 1-800-272-3235, option 2. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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