

PRODUCT DATA SHEET

DRYLOK® Floor and Wall

Clear, masonry floor and wall waterproofer

DESCRIPTION

DRYLOK® Floor and Wall is a non-pigmented masonry waterproofer specially formulated for use on bare masonry floor and wall surfaces. Provides a durable, waterproof easy to clean, non-yellowing high gloss finish. DRYLOK® Floor and Wall incorporates biocides, to resist the growth of mold and mildew on the dry paint film and resists 4 PSI of hydrostatic pressure.

USES

Waterproofing of:

- Interior/Exterior concrete floors
- Poured concrete walls
- Split-faced block
- Concrete & Cinder block
- Precast decorative concrete

CHARACTERISTICS / ADVANTAGES

- Clear high-gloss waterproof coating
- Exterior-wall water repellent
- Stops hydrostatic pressure
- Resists 98 MPH wind-driven rain
- High abrasion resistance
- Provides moisture/vapor barrier to floors prior to applying a adhesive and flooring
- Use as a finish coat or use under latex paint Resists wear from foot traffic
- Complies with current VOC requirements

PRODUCT INFORMATION

Chemical Base	Latex				
Packaging	Size	PC/Case	Color	Order No.	Old Order No.
	1 gal	2	Clear	831981	20913
	5 gal	1	Clear	831982	20915
Shelf Life	3 years in 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	8.69 ± 0.2 (LBS./US GAL.)				
pH-Value	8.5 - 9.0				
Viscosity	120 – 130 Ku @ 77°F				
Solid Content by Weight	30% ± 2%				
Colour	Sheen: High Gloss				

APPLICATION INFORMATION

Yield	1st Coat	2nd Coat
	Wet: 18 mils @ 90 sq. ft./ gal.	Wet: 14 mils @ 114 sq. ft./gal.
	Dry: 4.9 mils @ 90 sq. ft./ gal.	Dry: 3.8 mils @ 114 sq. ft./gal.
Layer Thickness	Recommended Film Thickness/Coat	16 wet mils/2 coats (406 microns)
Drying Time	<ul style="list-style-type: none"> ▪ To touch: 2 hours ▪ To recoat walls: 2 hours ▪ Light foot traffic: 2 hours ▪ Heavy foot traffic: 24 hours ▪ Under floor covering: 24 hours 	

BASIS OF PRODUCT DATA

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.

USES

- Not recommended for vehicular traffic
- Hydrostatic performance is dependent on achieving the recommended film thickness

ECOLOGY, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surface must be clean and free from dirt, dust, grease, oil, any form release compounds, or paint. All holes, cracks, and floor/wall joints must be patched with DRYLOK® Fast Plug®, a fast setting hydraulic cement, or another patching compound that matched the original surface color and smooth the patch evenly with the surface.

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, is an effective efflorescence removal agents. All masonry surfaces are subject to occurrences of efflorescence. If the surface is slightly damp, wet, or efflorescence troubled, apply DRYLOK® Wet Wall Bonding Primer to troubled areas according to the label instructions. If applied to a bare masonry surface, this will not void the warranty.

Re-apply acid until all visible efflorescence is gone. Rinse thoroughly and allow to dry thoroughly. To verify the surface is thoroughly dry and free of residual trapped moisture, tape a 1-ft by 1-ft square piece of plastic onto the surface and let stand for 24 hours. If moisture is present on the concrete side of the plastic the surface has not dried sufficiently. Allow additional drying and retest.

FLOOR PREPARATION:

Highly troweled or extremely smooth concrete floors must be acid etched or mechanically abraded to

achieve the proper profile. Treat with DRYLOK® Etch or muriatic acid, according to manufacturer's directions. A properly prepared concrete floor should look and feel like medium grit sandpaper. Repeat etching procedure until the proper texture is achieved. Mechanically abraded floor to have the surface equivalence of ICRI CSP rating of 3 - 4. Test the concrete's porosity and check for residual sealers by sprinkling a few drops of water on surface. If the water does not readily penetrate into the prepared concrete, additional acid etching is required. All residual acid etching material must be removed from the surface, rinse thoroughly and allow to dry. To verify the surface is thoroughly dry and free of residual trapped moisture, tape a 1 ft. by 1 ft. square piece of plastic onto the surface and let stand for 24 hours. If moisture is present on the concrete side of the plastic the surface has not dried sufficiently. Allow additional drying and retest.

MIXING

STIR THOROUGHLY BEFORE AND DURING APPLICATION. DO NOT THIN. Appears milky in the can but dries clear.

APPLICATION

Air and surface temperatures must be 50°F (10°C), or higher. For best results, apply to a dry surface, wait for a dry (rain-free) period to apply the product.

It is recommended to test the product in a small area prior to full application to ensure the desired effect is achieved. Apply first coat with a roller [3/4" nap (19mm nap)], or a foam roller, a DRYLOK® Brush, or a good quality nylon bristle brush, or sprayer. If rolled or sprayed, back brush if necessary, to fill any pinholes in the masonry. If brushed, work the waterproofer into the pores of the masonry, making sure to fill all pores and pinholes (see IMPORTANT). For information on spray application specifications visit www.DRYLOK.com. APPLY TWO COATS. Allow to dry 2 hours between coats. The second coat may be applied by roller, brush, or spray. Do not over apply.

Floor Application:

The second coat should be applied in a cross direction to the first coat to achieve uniformity. APPLY TWO COATS. Can be subjected to light foot traffic within 2

hours and heavy foot traffic within 24 hours. While drying, lift and place items on floor surfaces to avoid marring. Not recommended for surfaces subject to vehicular traffic. If covering with flooring or carpeting, allow final coat of DRYLOK® Floor and Wall to dry 24 hours. Use water base adhesives only for flooring installations. If top-coating use a water base paint or coating. Any screws, nails, or anchors that penetrate the coating will nullify the waterproofing properties.

NOTE: Waterproofed surfaces may become slippery when wet. If desired, add 2-4 oz. (60– 100g) of DRYLOK® Non-Skid Additive to each gallon for slip resistance.

IMPORTANT

If leaking is still present after two coats, it indicates that pores or pinholes are still open. After applying the second coat of DRYLOK® Floor and Wall, carefully inspect the entire wall surface for any pinholes in the waterproof coating. Any affected area should be painted with an additional coat to ensure satisfactory waterproofing results.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

SIKA HONGKONG LTD.

Rm.1507-12, Blk A, New Trade Plaza,
6 On Ping Street, Shatin, N.T., H.K.
Phone: +852 26868108
Fax: +852 26453671
Mail: marketing@hk.sika.com
Website: www.sika.com.hk



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