

PRODUCT DATA SHEET

Sikalastic®-215 Drylok®

DESCRIPTION

Sikalastic®-215 Drylok® is a Concrete & Masonry Waterproofing, designed with special resin which can penetrate porous substrate, seal capillary pores, forms firmly bonding, it can solve water seepage problems in a manageable way. Features nanoscale micrometer structure network polymer for a beautiful, smooth waterproof finish. Specifically formulated to resist mildew on the dry paint film with the incorporation of a biocide.

USES

Ideal for interior/exterior, above/below grade masonry including cinder and concrete block, stucco, bricks and bare concrete

- Waterproofing structures such as basements, retaining walls, lift pits etc.
- For Long term soaking environment like swimming pools (under tile), fire pools and other structure as positive waterproofing.
- Home decoration or DIY like balcony, kitchen, bathroom and other home waterproof scenes.
- Positive and negative waterproofing

PRODUCT INFORMATION

Packaging	5.0 KG
Colour	White
Shelf Life	2 years from date of production
Storage Conditions	Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 4 °C and 35 °C. Always refer to packaging.
Density	~1.38 g/ml
pH-Value	9.0 ± 0.5
Solid Content	69.0 ± 2 %%

CHARACTERISTICS / ADVANTAGES

- Guaranteed to stop water, even under pressure
- No pre-mixing or pre-wetting
- Bright white, smooth finish
- Resists 15 PSI, equivalent to a wall of water 10 meters high
- Resists mildew growth on the dry paint film
- Resist efflorescence

ENVIRONMENTAL INFORMATION

Conformity with LEED v2009 IEQc 4.2: Low Emitting Materials - Paints and Coatings

APPROVALS / STANDARDS

- Resistance to Hydrostatic Pressure according to ASTM D-7088

Volatile organic compound (VOC) content <50 g/L

Colour white paste

TECHNICAL INFORMATION

Abrasion Resistance	Washability: 10,000 cycles	(internal for paint evaluation)
Tensile Adhesion Strength	>1.0 MPa	(ASTM D 7234)
Resistance to UV Exposure	1000 hours: No chalking, crack, blistering note: Accelerating test per cycle: UVA-340nm 108 min dry @ 63°C +12 mins condensation @ 50°C	(GB/T 18244-2022)
Microbiological Resistance	Pass	(GB1741-2020)
Water Penetration under Pressure	No water penetration @0.3MPa pressure 120 mins	(GB/T 16777)
Water Penetration under Negative Pressure	No water penetration @ 15 PSI	(ASTM D 7088)
Salt resistance	No salt bleeding, no efflorescence	(Internal accelerating test)

APPLICATION INFORMATION

Consumption	Primer	Sikalastic®-215 Drylok®	0.2~0.3 kg/m ²
	1 st layer	Sikalastic®-215 Drylok®	0.5~0.6 kg/m ²
	2 nd layer	Sikalastic®-215 Drylok®	0.5~0.6 kg/m ²
	Wet film thickness:		0.87 ~ 1.10 mm
	Dry film thickness:		0.60 ~ 0.75 mm
Ambient Air Temperature	+5°C min. / +40 °C max.		
Relative Air Humidity	85 % max		
Waiting Time / Overcoating	Base layers	Waiting time	
	1 st layer to primer	~ 30 mins	
	2 nd layer to 1st layer	~ 2 hours	
	Topcoat with latex paint*	24 hours	
	Note: Above values are at +30 °C and 50 % relative humidity. Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.		
	* When interior or exterior painting is required.		
Drying Time	~ 2 hours at 23 °C		

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.

LIMITATIONS OF USE

Sikalastic®-215 Drylok® may be applied over previous coatings in sound condition, but the warranty is void.

Not formulated for horizontal surfaces subject to foot traffic.

Not for use on fishponds.

IMPORTANT CONSIDERATIONS

If leaking is still present after application, it indicates that pores or pinholes are still open. These areas should be painted again. When painting the inside of swimming pools and non-potable water tanks, allow Sikalastic®-215 Drylok® to dry at least one week before putting into service.

APPLICATION INSTRUCTIONS

EQUIPMENT

Brush or roller or spray

SUBSTRATE PREPARATION

Surface must be clean and free from dirt, dust, grease, oil, form release compound, or paint. Old

paint in poor condition must be removed by using suitable means. Patch all holes or cracks and the floor/wall joint with Sika®-102 Waterplug or Davco Rapid Plug a fast-setting hydraulic cement, and smooth the patch evenly with the surface. Efflorescence, a white, powdery, crystal-like deposit visible on the masonry surface, must be removed. Sikalastic®-301 Drylok or muriatic acid, used according to manufacturer's directions, are effective efflorescence removal agents. All masonry surfaces are subject to occurrences of efflorescence.

APPLICATION

STIR THOROUGHLY BEFORE AND DURING APPLICATION. DO NOT THIN.

Air and surface temperatures must be 5°C or higher. Best results are obtained when applied over dry surfaces. Wait for a dry (rain-free) period to apply. 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" (19mm) nap], Fiber BRUSH, or a good quality nylon bristle brush. If rolled, back-brush the first coat to fill pinholes. If brushed, work the Sikalastic®-215 Drylok® into the pores of the masonry, making sure to fill all pores and pinholes.

APPLY THREE COATS.

Spray specification:

Airless Spray: Graco Max II 595 PC Pro Electric Airless Sprayer, Hi-Boy

Hose: 1/4" *50'

GPM: Max 0.7

Tip: 0.031"

Manifold Filter: 30 mesh

Gun Filter: 60 mesh

Spray tips: To achieve production rates at 500g/m² (WFT 360 µm) best results using a 525 or 527 reversible tip. (Two passes overlapping the spray pattern).

Clean: Flush pump and clean sprayer with hot soapy water

Appearance: For brush application, it will leaves brush mark; For spray application it will show ideal finish coat. However, for decorative purposes, you can apply a good quality latex paint. Wait 24 hours before applying decorative topcoat.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

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LOCAL RESTRICTIONS

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.

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.

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