

# DRYCRETE

## MOISTURE STOP

### PRODUCT DESCRIPTION:

DRYCRETE™ Moisture Stop is water based colloidal silicate densifier, which is non-hazardous, zero VOC's, and creates a permanent integral barrier that both densifies concrete through increased hydration and protects concrete from chemical attacks from a greatly reduced permeability. DRYCRETE™ Moisture Stop is a proprietary formulation in an aqueous base which is safe and easy to apply. .

### RECOMMENDED USE:

DRYCRETE™ Moisture Stop is recommended as a densifier and moisture vapor blocker prior to the application of cementitious overlays, epoxy coatings, traditional flooring materials, and in concrete polishing applications. It can be used for related decorative concrete applications including flatwork, stamped and textured concrete, concrete counter tops, concrete masonry units, stucco, mortar, grout, and most any other Portland cement based surface.

### BENEFITS:

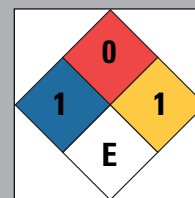
- Exhibits a high degree of penetration without leaving any residue on the surface.
- Significantly decreases un-hydrated cement (free alkali) thereby increasing concrete's density.
- Reduces permeability by up to 90%.
- Highly effective in protecting the concrete surface against acid & salt/chemical erosion.
- Formulated using "green technology" and LEED credit qualification.
- No harmful fumes or objectionable odors for trouble free applications on interior projects.
- Ready to use formula allows for easy application and labor cost savings on the job.
- Can be placed on fresh concrete. No waiting period.

CONCRETEEARTH.COM  
1-800-441-6646



### HAZARDOUS INGREDIENTS:

Section 313 Supplier Information:  
This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know-Act of 1986 and 40CFR372.



PHYSICAL PROPERTIES:	APPROXIMATE VALUES at 70° F (21°C)
Composition	Proprietary, Hydro Silicate catalyst in a colloidal liquid base.
Weight per Gallon:	9.20 lbs/gallon +/-0.10
Color / Odor:	Semi-Transparent white liquid / Slight
V.O.C. Content (% Volatiles) per EPA method:	Zero

**SHIPPING D.O.T. CLASS:** NOT-REGULATED BY D.O.T. ITEM 33880, SUB 2, LTL 55. CONCRETE SEALER – WATER BASE.

**PACKAGING:** 1 Gallon (3.78L) bottles, 5 Gallon (18.9L) pails, and 55 Gallon (207.9L) drums

**STORAGE:** 40° to 90°F. Keep from freezing.

**SHELF LIFE:** 2 years properly stored

### CAUTIONS:

DRYCRETE™ Moisture Stop achieves best results if ambient temperatures are above 40°F (4.4°C) and below 90°F (32.2°C). Extreme weather conditions such as high wind or applications in full sun at high temperature will cause premature drying. In such extreme cases, mist the surface to be treated with water and apply DRYCRETE™ Moisture Stop to the moistened surface. This allows the surface to stay wet long enough for increased reactivity and penetration.

\* Contains less than 25 g/L volatile organic compounds. Meets existing VOC (VOM) regulations for Waterproofing Sealers under the EPA's National AIM (Architectural and Industrial Maintenance) listings for all states including OTC, LADCO, CARB, and SCAQMD.

### LEED CREDIT CONSIDERATIONS:

Materials and Resources: MR Credit 1.2 Building re-use.  
Environmental Quality:  
EQ Credits 4.2 : Low emitting materials (VOC <25 g/L).



**KEEP FROM FREEZING.** If frozen, please discard solution and dispose of properly.

#### **APPLICATION:**

DRYCRETE™ Moisture Stop may be applied to concrete of any age. Before applying, ensure that any previously applied sealer or other contaminant clogging the porosity of the concrete has been removed by mechanical abrasion. Ensure surface porosity by testing with a small amount of water. If the water stains the concrete immediately and disappears within 3-4 minutes into the surface, there is excellent porosity. If there is a delay in the darkening of the surface, or the water evaporates at a faster rate than penetration, or if you notice any surface water beading, the surface is not porous and needs further mechanical abrasion.

It is highly recommended to thoroughly clean and/or vacuum the concrete surface prior to the application of Moisture Stop. This is done to minimize surface cement dust and the unwanted surface reaction with topically present free alkali. A clean, virtually cement dust free surface ensures a maximum depth of penetration for the Moisture Stop.

Apply DRYCRETE™ Moisture Stop at a coverage rate of 150-200 sq ft per gallon on broom finished surfaces and 200-300 sq ft per gallon on hard trowel finished floors. For best results, use a medium to high-pressure airless paint sprayer with .19 aperture tip and apply with a 50% overlap in a single pass. On vertical surfaces, begin the application at the lowest point in elevation and work toward the highest point in an east-west manner, where north points toward the highest elevation point.

On flat surfaces, once you complete the application and after 15 minutes or so, broom or squeegee off any excess DRYCRETE™ Moisture Stop to avoid puddling. After 24 hours minimum, damp mop or rinse with auto-scrubber and squeegee excess water, Allow to dry prior to applying any topical coatings/glue/floor finishes.

On concrete surfaces with excessive RH internal moisture readings and concerns, it is highly recommended to allow 48-72 hours prior to rinsing and applying any finishes. Under very high RH readings of 95% of more, a waiting period of 3-5 days is recommended to ensure ideal conditions for the installation of flooring materials and/or coatings.

#### **LIMITATIONS:**

If surface penetration is not noticeable within minutes after applying DRYCRETE™ Moisture Stop, the concrete may have a sealer, oil, or coating barrier that is preventing absorption. If coatings are present, use additional mechanical abrasion means to remove them. If grease or oil is present, the use of Concrete Earths' Enviro Clean & Etch C-30 is recommended with an auto-scrubber machine or rotary single head floor buffer, using an aggressive cleaning pad. Following the application of any cleaner, rinse thoroughly, and ensure the removal of all standing water. Once dry, you must re-test the concrete for porosity by misting lightly with water. If the concrete darkens, then the surface is porous and ready to seal. If the water beads on the surface and does not penetrate easily, then the surface needs further cleaning or to be abraded mechanically.

## **WARNINGS:**

DRYCRETE™ Moisture Stop is for use by qualified professional contractors and trained applicators. Although it is non-corrosive to skin, avoid prolonged skin contact. Wash skin with soap and water if exposed to avoid irritation. Wear splash resistant eye protection and impervious gloves when handling. There are no fumes associated with DRYCRETE™ Moisture Stop when applied manually by high volume, low pressure or pump up sprayers. Before using, refer to product M.S.D.S (Material Safety Data Sheet) for further health and safety information. Keep containers closed when not in use and dispose of accordingly. Keep away from food and drink.

**DO NOT TAKE INTERNALLY.  
FOR PROFESSIONAL USE ONLY.  
KEEP OUT OF REACH OF CHILDREN.  
FOR EMERGENCIES ONLY, CALL INFOTRAC 800-535-5053.**

**KEEP FROM FREEZING.** If frozen, please discard solution and dispose of properly.

**WARRANTY:** Concrete Earth, LLC (CE) solely and expressly warrants that its products shall be free from defects in materials and workmanship for **ONE (1) YEAR** from the date of purchase. Unless authorized in writing by an officer of CE, no other representations or statements made by CE or its representatives, in writing or orally, shall alter this warranty. **CE MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any CE product fails to conform with this warranty, CE will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.** CE does not authorize anyone on its behalf to make any written or oral statements which in any way alter CE's installation information or instructions in its product literature or on its packaging labels. **CE explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through CE. CE has no control over CE application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any CE products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of CE's products for the Buyer's intended purposes.** Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind.