

# DRYCRETE™ Moisture Stop

## Permanent Integral Moisture Barrier

**PRODUCT DESCRIPTION:** DRYCRETE™ Moisture Stop is a user-friendly, environmentally safe, white (clear-drying), non-flammable, penetrating liquid which is non-toxic, with zero VOC. It readily penetrates deep into substrate, using concrete's natural porosity, depositing internally produced colloidal silicate residual (gel), that subsequently form an insoluble unique 100% solids water and contaminant barrier, as it reacts with un-hydrated cement (free alkali) within the concrete slab. This 100% solids integral barrier contains its very own extremely tiny pore network, uniquely and effectively mimicking the pouring of concrete within concrete.

**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 > 97%
- 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

PHYSICAL PROPERTIES:	APPROXIMATE VALUES at 70° F (21 °C):
Composition	Proprietary, Hydro Silicate catalyst in a colloidal liquid base. >60%
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

\*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).

**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 have been removed by mechanical abrasion or chemical stripper/cleanser. Once the surface porosity has been opened sufficiently, apply the DRYCRETE™ Moisture Stop at a coverage rate of 200 sq ft per gallon on broom finished floors and 300 sq ft per gallon on steel troweled floors. Use a low pressure pump up sprayer or a medium to high-pressure airless paint sprayer with a fan-style tip. 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, broom or squeegee off any excess DRYCRETE™ Moisture Stop to avoid puddling. Wait at least 12 hours before applying any topical coatings/stripping. After 12 hours, if any contaminants have been purged to the surface, they should be washed off.

**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 Lightening SB to remove them. If grease or oil are present, the use of Citrus Solve C-25 is recommended. After application of any cleaner/stripper, test the concrete for open porosity by spraying lightly with water mist. 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 to be further etched or abraded.

**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.

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

**H.M.I.S CODES (Hazardous Materials Identification System:** HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 1, PERSONAL PROTECTION = E (Impervious gloves, splash goggles, and respirator.) **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.

**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