



PRODUCTS, INC.

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EPOXY & FIBERGLASS FLOORING, SEAMLESS FIBERGLASS WALL SYSTEMS, SEALERS,
HIGH PERFORMANCE COATING SYSTEMS, AND INDUSTRIAL CLEANERS

PRODUCT BULLETIN

DRYSTOP

DESCRIPTION

DRYSTOP is a proprietary water base catalyzed colloidal silicate that reacts with any unreacted cement in the concrete to form a complex gel structure that totally fills up all capillaries and lesions in the concrete and so totally blocks off moisture from coming through the concrete surface. DRYSTOP typically penetrates deeply into the concrete, also by this action of filling the capillaries it purges up and out nearly any contaminant that is within the concrete, salt and oils being the most common. The finished DRYSTOP application leaves the concrete surface looking unchanged from before the application. The application of DRYSTOP will reduce slab curl on new concrete and improve concrete hardness as more of the cement will react within the concrete.

USES

DRYSTOP may be applied to either freshly poured concrete or older concrete. Application may begin once the concrete is firm enough to walk upon-usually the day after the pour. Existing concrete may be treated at any time. DRYSTOP allows for coating the surface with an epoxy 21 days after the pour and the next day after application for existing concrete. Polishing of concrete may begin 10 days after application over fresh concrete. As it totally barriers off moisture vapor from coming through the concrete this source of coating and topping failure is eliminated. It also does a good job purging contaminants out of the concrete so the concrete remains as is and further deterioration is stopped. It also stops any further liquid penetration into the concrete. DRYSTOP may be applied from 40F to 95F and is not considered an ADTM C309 cure and seal.

APPLICATION

Clean and properly prepare surface. The concrete surface needs to be free of any coatings or sealers which we recommend be mechanically removed. If the surface is otherwise contaminated it is wise to thoroughly clean it prior to DRYSTOP application. Application over a damp surface is permissible though not over a water wet and puddled surface. Apply the DRYSTOP via sprayer at 250 sqft/gal taking care not to leave deep puddles which might dry on the surface and not penetrate. With an airless a 20-21 tip is suggested or an SMK sprayer. Existing concrete with a MVT rating of <10 may be coated in 5 days, <15 may be coated in 10 days otherwise it may be coated the next day with an epoxy. Not all epoxies will adhere so testing ahead of time is advisable. Our #1013 EPOXY PRIMER adheres tenaciously to a DRYSTOP treated surface and is often the primer of choice for further epoxy applications and should be considered. CAUTION- DRYSTOP will etch glass and will be ruined by freezing.

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