

CANYON TONE *Stain*

Technical Bulletin #1 *Specifying Concrete/Masonry Stains*

The National Laws concerning the use of solvents in Architectural finishes have changed, causing manufacturers throughout the industry to come out with an influx of water-based concrete/masonry water-repellents. As usual, "knock off" products leave much to be desired. UNITED COATINGS is the acknowledged leader in concrete/masonry stain technology. There is no replacement for the "knowledge and track record" that Canyon Tone Stain "W" has established.

UNITED COATINGS' Research & Development Lab is constantly improving Canyon Tone Stain "W". Listed below are some points to consider when specifying concrete/masonry water-repellents:

1. **EFFLORESCENCE:**

CANYON TONE STAIN "W" blocks the development of efflorescence through the use of a specially designed acrylic polymer. This polymer is an ultra-fine dispersion of less than 1/20th the normal particle size. This prevents water or free carbon in the outside atmosphere from penetrating the stain film, consequently preventing the formation of efflorescence.

2. **ADHESION:**

The 100% acrylic resin used in CANYON TONE STAIN "W" targets, and binds to, free particles of uncured concrete. This gives the first coat of CANYON TONE STAIN "W" a true penetrating "sealer" effect, in addition to an adhesive bond in excess of the cohesive strength of the concrete (250 psi or greater).

3. **BREATHABILITY:**

In addition to these advantages, CANYON TONE STAIN "W" maintains its legendary permeance. CANYON TONE STAIN "W" has a perm rating of 17.9 @ 4 mil dry film thickness ($\pm 10\%$) per ASTM D 1653-91A, allowing moisture vapor to "breathe" from the building interior.

For additional assistance in specifying concrete/masonry stains, samples or Master Guide Specifications, please contact UNITED COATINGS' Technical Service Department at 1-800-541-4383, your local UNITED COATINGS Representative, or visit us on the web at canyontonestain.com.