



## Technical Bulletin July 2011

### Helix Concrete Dye Dilution

Helix Color Systems metal complex concentrated concrete dyes continue to grow in popularity. Sales have increased as the ease of use and vibrant colors of these dyes continue to erode the more traditional acid and acrylic stain products. Our quality assurance and research into better technologies and application methods is ongoing. After significant research and testing the data supports a new method for diluting the Helix Concrete Dyes.

We have found that diluting Helix Concrete Dyes concentrates with a blend of denatured alcohol and acetone provides optimum performance when compared to straight alcohol or straight acetone. The ratio of alcohol to acetone is 2:1, with the final mix remaining 1 gallon of diluents to 5 oz of dye concentrate. We have found that this mixture of alcohol and acetone provides the best solubility for the dye, as well as optimum penetration and color development once applied to concrete or cement based overlay surfaces.

Using straight water, alcohol or acetone is still viable, but for optimum performance and color development, the new alcohol and acetone blend is recommended.

Please contact your local sales representative or ChemSystems with any further questions 800-545-9827. All future technical data sheets and application guidelines will be updated with this new information.

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\*For complete information on all CSI products—including product information catalogs, product brochures, color charts, technical specifications, sales aids and more—contact ChemSystems, Inc.

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