

DESCRIPTION: Ultra Surface Concrete Dye is sold in a powder form to be mixed with acetone to create a wide variety of translucent colors for staining regular or polymer concrete. More acetone results in a lighter color and less acetone achieves a darker color. Ultra Surface Concrete Dye is available in 30 standard colors or custom colors. Dye colors can be mixed together or applied over different colors of Ultra Surface Acid Stain and/or Spray-Top to create your own unique colors. It can be applied to create a solid color or a mottled antique look similar to acid stains. Unlike acid stains, Ultra Surface Concrete Dye dries quickly, does not need rinsing, and can be sealed the same day.

TYPICAL USES: Ultra Surface Concrete Dye penetrates the surface to create a permanent color that cannot chip or peel. It is most commonly used on residential and commercial interior floors such as restaurants, casinos, retail stores, hotels, living rooms, kitchens, bathrooms and many other applications. It is also used on concrete counter tops, vertical applications and to color over stencils and modellos. For the best results, apply over Ultra Surface Resurfacer and/or Spray-Top.

IMPORTANT TESTING AND MIXING INSTRUCTIONS: Read all cautions and Material Safety Data Sheets before any work is started. Always do a small test area or sample board with the final sealer applied before project installation and have it approved. The coloring effect can vary depending on the age, texture, finishing techniques, amount of coats applied, amount of acetone used and other variables within the concrete surface. When mixing colors, keep a record of the ratios mixed for future use and color matching. When applying two coats of the same color, it usually works best to add twice as much acetone as recommended on the bottle to prevent the color from being too dark or too red.

Sample Mixing Instructions For Two Coat Applications Of The Same Color - Start by mixing the recommended amount of acetone, then pour out one cup of the mixture of dye and acetone into an empty container and add one more cup of clear acetone. Spray this mixture over your sample board of Spray-Top or over the surface to be coated in an inconspicuous area. Apply the final sealer over the sample to check the color of the dye and have it approved by the customer before starting the job.

SURFACE PREPARATION: The surface should be scrubbed with detergent and rinsed clean prior to applying Ultra Surface Concrete Dye. Regular concrete must be cured a minimum of 28 days. Ultra Surface Resurfacer or Spray-Top should cure a minimum of 6 hours before applying Concrete Dye. Curing compounds, sealers and other membrane forming products applied to the concrete surface prior to dyeing will affect the ability of the dye to properly react with the concrete. Some concrete surfaces may be too hard or porous to achieve the desired result and may need resurfacing with Ultra Surface Resurfacer and/or Spray-Top. Concrete surfaces must be clean and free of all foreign contaminants such as curing compounds, bond breakers, oil, sealer, dirt, paint, and cleaning residue. Pressure washing and/or additional cleaning methods may be required to totally clean the concrete surface of all contaminants.

MIXING INSTRUCTIONS: (See mixing instructions above for two coat applications of the same color). Ultra Surface Concrete Dye is available in two sizes which can be mixed with either one quart or one gallon of acetone (see mixing instructions on the front of the bottle label). Larger size containers can also be provided upon request to be mixed with five gallons of acetone. Dye colors can be mixed together to create your own colors or mix more or less acetone to create lighter or darker shades of a

particular color. Ultra Surface Dye Extender can also be mixed with the acetone at a ratio of 2 – 8 ounces per gallon to slow down the drying time and allow for more mottling. Dye Extender can also be mixed with clear acetone and sprayed on the surface ahead of the dye to wet the surface and create less of a spotty affect.

APPLICATION INSTRUCTIONS:

1. For professional use only by experienced contractors.
2. Protect all surrounding areas before applying Concrete Dye. Rope off areas to be dyed and keep all traffic clear of the area until the installation is complete.
3. **Warning:** Acetone vapors are extremely flammable. **Turn off all pilot lights** prior to use and do not use near an open flame. Avoid breathing vapors. Use only in areas with adequate ventilation and use proper MSHA or NIOSH approved air purifying respirators in confined or enclosed spaces for organic vapors. Do not use near electric tools or create any sparks or static electricity around work area to avoid a flash fire. **KEEP OUT OF REACH OF CHILDREN.**
4. When going over regular or polymer concrete, do a small test area to determine how much acetone to mix to achieve the desired concentration of color. More acetone will achieve a lighter color and less acetone a darker color. **When applying two coats of the same color, see special mixing instructions on page one.**
5. **Always do a small test area** in an inconspicuous area before project installation to insure approval and compatibility of all products and desired color. Read all labels and technical data sheets before using Ultra Surface Concrete Dye. Always check local codes for all Federal and State Regulations, along with the appropriate safety standards.
6. Depending on the color desired, an application of two or more coats of Dye may be required.
7. **Application:** Apply Ultra Surface Concrete Dye using an acetone resistant pump-up sprayer (available through concrete solutions). Spray the dye in a circular motion to achieve the desired look. Start by spraying into a bucket and then keep the spray going while moving the spray wand out of the bucket. Carry a small bucket with you and end the spray into the bucket or a rag to avoid leaving drips on the floor. When spraying more than one color, apply the first color without covering the surface completely and then apply the second color to fill in the bare spots between the first color. If a third color is used, it can be lightly applied to soften or blend the first and second colors together. Use **Ultra Surface Dye Extender** to slow down the drying time of the acetone to achieve more mottling. Practice different methods and techniques on a sample board prior to doing a job.
8. **Sealing:** Dyed floors can be sealed with at least two coats of either Ultra Surface Stamped Concrete Sealer, or Ultra Surface Acrylic Urethane. Never apply Acrylic Urethane over Stamped Concrete Sealer or visa versa. For the best results, apply the Acrylic Urethane or Stamped Concrete Sealer using our 3.5 gallon pump-up compressor sprayer. Where a water-based low odor system is desired, Ultra Surface Sealcoat 1000 or WB Epoxy clear can be used as a prime coat and WB Urethane 2A to 1B in gloss or satin as the top coat. For these sealers an airless or HVLP (high volume low pressure) sprayer achieves the best results.
9. For maintenance of interior floors, apply Ultra Surface Floor Finish gloss or satin using a rayon mop when needed. See the Ultra Surface Floor Finish, Stamped Concrete Sealer, Sealcoat 1000, Acrylic Urethane, WB Epoxy and/or WB Urethane 2A to 1B Technical Data Sheets for more information.

WARRANTY: Since no control is exercised over product use, Concrete Solutions, Inc. represents and warrants only that its products are of consistent quality within manufacturing tolerances. No other oral or written representation or statement of any kind, express or implied, now or hereafter made is authorized or warranted by Concrete Solutions, Inc. including those of marketability or fitness for a particular purpose. Liability for breach of contract, negligence, or on any other legal basis is limited to the lesser of refund or replacement of defective material. Concrete Solutions, Inc. will not be liable for special, incidental or consequential damages, including for delays or lost profits. Communication of this warranty and its limitations to end-users is not the responsibility of Concrete Solutions, Inc., but should be communicated by those in direct contact with the end user. Any claim regarding product defect must be received in writing within three months from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end user shall determine the suitability of the products for the intended use and assumes all risks and liability in connection therewith.

Hazardous Ingredients: Section 313 Supplier information: This product contains the following chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. **N/A**