

Ameripolish Decorative Concrete Dye

Technical Data Sheet

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Ameripolish dye is formulated using extremely fine molecules of color designed to penetrate and color any cementitious surface. Ameripolish dye was created for use with polished concrete, but can be used as a base color or touch up for acid stained concrete or as a coloring agent itself. Always apply the dye in a sample area first in order to confirm desired color.

1. Explanation: Ameripolish solvent-based dye is packaged in powder form to be mixed with acetone by the customer. Ameripolish dye is offered in 22 standard colors. Custom colors are available for a minor fee. Dye colors can be combined to create an unlimited number of color variations. When applied properly Ameripolish dye gives great color to polished concrete floors or it can produce a look similar to an acid stain with a sealer. Anytime that Ameripolish dye is used on a process other than polished concrete a sealer is required. This brightens the color and retards color fading over time. When used on polished concrete Ameripolish Stain Guard is recommended to lock in and preserve the color.

2. Benefits:

- Large selection of vibrant colors
- Extremely easy to apply
- Perfect for Polished Concrete
- Can be used in conjunction with acid stained floors as a base color or as touch up.
- Can be applied to any cementitious surface
- Packaged in dry form for easy shipping and storage
- Unlimited shelf life in powder form.

3. Mixing: Ameripolish dye is packaged in powder form in either 1 gallon or 5 gallon increments and needs to be mixed with a corresponding amount of acetone. Empty the dye into the container of acetone and shake vigorously for approximately 30 seconds. Let the container set for 3 hours before use. Immediately before application shake again for approximately 30 seconds. This will ensure that all the dye has mixed with the acetone.

4. Polished Concrete: Always apply dye in a small test area to confirm color. When used in a polished concrete process, Ameripolish concrete dye may be applied at any grit above 400. The dye normally penetrates best at the 400 grit level and a very light coat may be applied again after polishing at the 1500 grit if the installer is polishing up to a 3000 grit to darken the current color. A penetrating sealer is recommended after concrete is dyed and polished. During first cleaning expect a small amount of residual dye to come off the concrete.

5. Cleaning: Minimal cleaning is required. Residual dye that did not penetrate the concrete will remain on the surface of the concrete. The quickest way to remove dye residue is with non-sanded floor sweep and a dust mop. This is effective if the applicator does not apply an excessive amount of dye. If an extreme amount of dye is applied, the applicator may need to mop the floor with water and use a shop vacuum to remove any remaining water or use a buffer with white pad and water. After several uses, the applicator should know how to apply the dye effectively without building up a great deal of residue on the concrete surface. This greatly reduces the amount of clean up time before moving to the next set of resins.

6. Coverage Rates: Ameripolish coverage rates will vary significantly from floor to floor based on the roughness of the concrete, the porosity and the mix design. Expect approximately 400 square feet per coat per gallon. Sprayer and tip design can lead to wasted dye. Dye is being sprayed too heavily if puddles are present.

7. Ameripolish Shield Stain Protection: Spray down the stain protection after the final resins and cover the concrete with a micro fiber applicator using a very fine coat. Coverage area is approximately 1,000 per gallon.

8. Safety precautions: WARNING – Ameripolish concrete dyes are highly flammable when mixed with acetone. Great care should be taken when using this product! Acetone will produce vapors that are highly flammable and can be harmful to the applicator's health. Make sure rooms are properly ventilated. Open windows and use fans to achieve air movement. Non-explosive exhaust devices may be required in areas with poor ventilation. Make absolutely certain no

source of open flame is present. Pilot lights, heaters, cigarettes, and electric tools should not be used or turned on until all vapors have dissipated. Always wear a carbon filter respirator, eye protection, and chemical resistant gloves when using Ameripolish dye. Devices are available to measure acetone vapors.

9. Warranty: The manufacture guarantees that the product will be of consistent color and mixture when received. The manufacturer has no control over the use of this product; therefore, no warranty, expressed or implied, is or can be made to either the affects or results of such use. In any case, the sellers and manufacturer's obligation under this warranty shall be limited to refunding the purchase price or replacing material proven defective.

10. Health Cautions: Ameripolish decorative concrete dye is highly flammable when mixed with Acetone. Always provide plenty of ventilation when applying the dye. Vapors may cause flash fires. No open flames may be present. Electrical tools, pilot lights, heaters, and cigarettes should not be used if fumes are present. Devices are available to measure acetone vapors.

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