



Technical Data Sheet

LIQUID DYE

GENERAL PROPERTIES: a concentrated solution blend of metal complex and/or high grade dyes that can be diluted with water or acetone to achieve a ready to use color system. Smith's Liquid Dye is formulated as a penetrating color system for polishing installation as well as a dye then seal application to properly prepared porous substrates. This system was developed for interior applications.

- Easy to use
- Dilutes in water or acetone
- Superior Performance
- Fast drying
- Interior application only
- Overnight deliverable

RECOMMENDED USE: Color system for polished concrete and "dye then seal" application. Interior use only.

COLORS: 13 base colors

COVERAGE PER "READY TO USE" GALLON:
200-450 square feet - Coverage depends on surface profile

STORAGE CONDITIONS:
Temperature: 40-90°F

VOLATILE ORGANIC CONTENT: 14.8-22.6 g/l

SHELF LIFE:
Unopened Container 1 year

ORDERING INFORMATION

Prices may be obtained from Smith Paint Products, Sales Representative or local Smith's Decorative Concrete Products Dealer.

APPLICATION INSTRUCTIONS

DILUTION RATIO: Dilute 8 ounces bottle of Smith's Liquid Dye concentrate with potable water or acetone to yield 1 gallon of ready to use dye. No dwell time is required before application of the diluted system.

PREPARATION: Be sure to mask or cover all areas that are not intended to be stained including but not limited to door frames, doors, walls and windows.

SURFACE PREPARATION: The surface preparation phase should be viewed as the most important. Proper preparation results in the product's longevity, minimizes potential failures

and creates the best environment for an aesthetically pleasing work of art.

- 1) New concrete must be fully cured (28 days). Existing concrete - remove paint, adhesives and loose particulates from the intended application surface.
- 2) Liberally apply Smith's Green Clean to a 20 feet x 20 feet section of the substrate with ½ inch nap roller cover.
- 3) Allow the gel to remain on the substrate for 20 minutes.
- 4) Agitate Smith's Green Clean utilizing a floor buffer (small area) or an auto-scrubber (large area) with Mal-grit brush attachments while rinsing with clean water. Extract material utilizing a wet/dry vacuum or lower the squeegee uptake bar on the auto-scrubber. Continue to flush and agitate the substrate until the rinse water is clear. Allow surface to dry.
- 6) Conduct test area to insure desired results.

POLISHING: 1) After polishing concrete to desired grit (200 resin), remove excess dust with vacuum/dry mop or auto-scrubber.

- 2) Conduct test area to insure desired results.

APPLICATION: A pump up sprayer provides an easy, economical method of application. Spray a fine, fog pattern in a circular pattern. Uniformly wet the surface. Additional Smith's Liquid Dye may be applied to more porous substrates. Once system has dried, remove excess dye from application area via tack cloth, wet mop or auto-scrubber with white pad.

POLISHING/DENSIFYING

- 1) Densify application area with Smith's Base Boost.
- 2) Polish to desired appearance (e.g 800, 1500 or 3000 grit)
- 3) Protect installation with Smith's Surface Guard

DYE THEN SEAL: Apply Smith's Royal Seal, Smith's Seal WB or Smith's Polyurethane SB to seal dyed installation area.

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