



# BRICKFORM® Pro-Dye™

## Quick-Dry Concrete Dye

BRICKFORM Pro-Dye is a translucent dye, designed to penetrate and color any cementitious surface. Pro-Dye dries quickly, reducing installation time and construction costs. In most cases, cleanup and sealing can be done in the same day. It is ideal for polished concrete and it can be to achieve dramatic results.

### FEATURES

- Large Selection of Vivid Colors
- Easy-to-Spray-Apply
- Interior Use Only
- Dries Quickly

**PRODUCT DESCRIPTION** • BRICKFORM Pro-Dye penetrates the surface of newly cured or existing non-porous concrete, creating a layer of translucent color that dries quickly and will not chip, crack, or peel. The colors produced in each section of concrete will be unique with captivating, multi-colored intensities that become a permanent part of the concrete. Colors can be combined to create an unlimited number of color variations. When applied properly, Pro-Dye creates intense color that has a look similar to the mottling effect of acid stain. BRICKFORM Pro-Dye is packaged in powdered form to be mixed in proportion to acetone.

**USES** • BRICKFORM Pro-Dye is durable enough for commercial applications like restaurants, showrooms and retail spaces. It can be used to create vivid, new color for interior floors or concrete countertops. BRICKFORM Pro-Dye can also be used to correct areas where acid stains have little or no reaction on the concrete surface. Pro-Dye is excellent in vertical applications, stencils, and logos because it dries so quickly.

**LIMITATIONS** • BRICKFORM Pro-Dye is NOT suitable for exterior applications. BRICKFORM Pro-Dye may not cover up all discolorations that exist on the concrete surface and cannot be used to cover petroleum-type products such as oil, grease, or gasoline. Pro-Dye is NOT recommended for porous surfaces that may produce little or no mottling effect. BRICKFORM Pro-Dye is not a final coating so a sealer must be applied.

**COLORS** • BRICKFORM Pro-Dye is available in 32 standard colors.

**PACKAGING** • BRICKFORM Pro-Dye is available in containers packaged to color the following:

Pro-Dye	Acetone
8-Ounce (.23 L) Bottle	1-gallon (3.785 L)

BRICKFORM Mottling and Penetrating Agent™ is available in 24-ounce (.70 L) containers with 20-ounces (.59 L) of material.

**COVERAGE** • BRICKFORM Pro-Dye will color approximately 400 - 600 square feet per gallon (9.81 - 14.72 m<sup>2</sup> / L) per coat, depending on the application method and the porosity or finish of the concrete surface.

**STORAGE** • Store in a safe place, out of direct sunlight. Keep containers tightly sealed. DO NOT allow product to freeze. Shelf life for the powder is approximately 24 months. Shelf life for the Mottling and Penetrating Agent is approximately 12 months.

**CAUTION** • KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Material Safety Data Sheet and the Warning and Warranty statements included in this Technical Information Sheet. DO NOT TAKE INTERNALLY. Do not breathe vapors or mist. Use only with adequate ventilation and use a respirator when levels are above applicable limits. Avoid contact with skin and eyes. Wear eye goggles, gloves and apron to protect skin. Close container after each use. Use good hygiene when handling this product and wash and bathe after each use. Be sure to wash clothing after each use.

**EQUIPMENT** • BRICKFORM Acetone Pump-Sprayer™: This sprayer is specifically designed for applying BRICKFORM Pro-Dye dissolved in acetone. The acetone sprayer is available in a one-gallon (2.785 L) and three and a half gallon (13.24 L) sizes. BRICKFORM Tips Kit™: An optional five-component tips kit is available. This kit gives the applicator options for applying chemicals ranging from fine to coarse spray patterns. A check valve is included with the tips kit. BRICKFORM Caddy™: This cordless, electric, portable cart is designed to transport pump sprayers. The pressurized pump system has been developed for professional decorative concrete installers for larger application areas. Acetone, acid, and industrial pump sprayers are interchangeable on the caddy. All caddy components reside on the unit allowing the operator to move freely in an area without stopping to pump the sprayer to pressurize it. Auxiliary ports are available on the caddy allowing two applicators to spray from the caddy simultaneously. A constant pressure is maintained throughout the application process. The applicator controls the pressure in the sprayer by means of a regulator, which allows the applicator to adjust pressure levels depending on the viscosity of the material being sprayed.

The on-board removable battery pack can be recharged, using a cigarette lighter in a vehicle or from an A/C outlet.

**MOISTURE** • If the concrete surface has visible signs of moisture, Brickform recommends testing the slab by using a calcium chloride or a relative humidity test. Check to see if the slab was constructed, using a vapor barrier or retarder. Acceptable moisture levels should not exceed an average of 5-7 pounds per 1000 square feet MVER (Moisture Vapor Emissions Rate).

**PREPARATION OF CONCRETE** • BRICKFORM strongly recommends representative jobsite samples. Mock ups should always be prepared on the same concrete that the dye is to be applied. Individuals who will be performing the work should test different sections of the concrete to determine suitability, coverage of the dye and final appearance. The concrete should be cured at least 28 days. The application area must be completely free of sealers, oils, dirt, paint, alkali, penetrating sealers, or any foreign materials that would prevent BRICKFORM Pro-Dye from penetrating the concrete surface. The recommended substrate should have a minimum concrete surface profile (CSP) of one in accordance to the ICRI Guideline No. 03732. Remove any BRICKFORM Liquid Release™ prior to application of the dye. If the concrete surface is clean, in good condition, and has cured to a uniform, light color, no preliminary treatments are necessary. Just sweep clean and begin application of BRICKFORM Pro-Dye. If the concrete surface has signs of dark moisture and alkali spotting, scrub with a detergent or T.S.P. and rinse well. Protect adjacent areas from over-spray, runoff, spills, and tracking, prior to application.

**WARNING** • Acetone will produce vapors that are highly flammable and may cause flash fires. Do not breathe vapors or mist. Acetone can be harmful if inhaled. Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use only MSHA or NIOSH approved atmosphere supplying or air purifying respirators in confined or enclosed spaces for organic vapors. Use explosion-proof equipment. Make certain no source of open flame is present. Pilot lights, heaters, cigarettes, and electric tools should not be in use or turned on until all vapors have dissipated. Use splash goggles or face shield to protect face and eyes. Use chemical-resistant gloves and avoid prolonged or repeated skin contact. **KEEP OUT OF REACH OF CHILDREN.**

**MIXING** • BRICKFORM Pro-Dye is packaged in powdered form and needs to be mixed with acetone. Please follow the Acetone manufacturer's instructions and Material Safety Data Sheet (MSDS) for safe handling and exposure limits. Empty the color-bottle into the appropriate amount of acetone. This can be done by simply adding the powder into the acetone container. Close the acetone container and shake the contents for approximately 30 seconds. Allow to develop for 3 hours before using. Add BRICKFORM Mottling & Penetrating Agent™ in the following amounts to increase the mottling effect and slow drying time and increase permeability:

<b>Acetone Container Size:</b>	<b>BRICKFORM Mottling and Penetrating Agent:</b>
1 Gallon	Add 4 Ounces
5 Gallons	Add 20 Ounces

Add the Mottling and Penetrating Agent at anytime prior to the application. Be sure to mix thoroughly by shaking or stirring for approximately 30 seconds. **DO NOT USE any type of electrical equipment to stir the product into the Acetone.** Acetone is highly flammable and may ignite. Do not use Brickform Mottling and Penetrating Agent if the application is for stencils or vertical surfaces or other uses where the product needs to dry quickly. **NOTE: BRICKFORM Mottling & Penetrating Agent is not recommended with porous or broom-finished concrete.**

**APPLICATION** • After the mixed material has been allowed to develop (3 hours), begin by spraying evenly and continuously over the prepared surface, using a #6 or #8 tip or equivalent, in a circular motion. Do not allow the Pro-Dye to puddle. Mop up any excess with a clean rag so that the surface will dry evenly.

not track dye onto pavement that is to remain uncolored. Allow the product to thoroughly dry (approximately 1 minute) and then clean thoroughly before applying a sealer. It is recommended that the applicator dry-buff with a white pad using a buffer or burnisher and remove loose dye with vacuum or dust mop. DO NOT USE water to clean the surface. This will cause the residue to float onto unwanted areas.

**SEALING** • After Pro Dye has been installed and all of the residue has been removed spray one of the following sealers on the project with a pump up type sprayer or an airless type sprayer. DO NOT ROLL ON THE SEALER OR IT WILL LIFT THE COLOR. Protect the surface with BRICKFORM Gem-Seal™, BRICKFORM Poly-Seal™, BRICKFORM Safety-Seal™ or BRICKFORM Satin-Seal™. After the sealer has been allowed to cure, protective coats of BRICKFORM Dura-Wax™ may be applied on interior projects to prolong the life of the sealer. Please get a copy of the appropriate Technical Information and Material Safety Data Sheet before attempting to use these products.

**MAINTENANCE** • The sealed surface should be inspected periodically for areas of thin or traffic-worn wax or sealer. Reapply as needed, according to the appropriate Technical Information Sheet. If traces of efflorescence are present, all wax and sealer should be removed and the efflorescence eliminated with a gentle cleaner such as BRICKFORM Antique Release/Efflorescence Remover™, according to the *BRICKFORM Antique Release/Efflorescence Remover Technical Information Sheet*.

**WARRANTY** • This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or as results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

**PLAN SPECIFICATION**

**BRICKFORM® Pro-Dye™** Suggested Short Form Specification:  
All concrete surfaces designated in the plans and specifications as being dyed with a dye, shall receive one application of BRICKFORM Pro-Dye, in \_\_\_\_\_ color, after the concrete has cured a minimum of approximately 28 days. The surface shall be prepared and BRICKFORM Pro-Dye applied in accordance with the *BRICKFORM Pro-Dye Technical Information Sheet*, using the minimum coverage rate. All dyed surfaces shall be sealed with BRICKFORM Gem-Seal™, BRICKFORM Poly-Seal™ or BRICKFORM Satin-Seal™ Water-Based Semi-Gloss Sealer, in accordance with the corresponding Technical information Sheet. All products shall be manufactured by BRICKFORM, 800-483-9628, Rancho Cucamonga, CA 909-484-3399.

**ORDER SPECIFICATIONS**

<b>Product</b> Pro-Dye	<b>Container Size</b> 8 ounces (.23 L)	<b>Colors Acetone</b> 1-gallon (3.785 L)
<b>Shipping Weight:</b> 2.5-ounces (.07 kg)		
<b>Part Number</b>	<b>Color</b>	
DS- 110	Jade	
DS- 210	Turquoise	
DS- 310	Coffee	
DS- 410	Caramel	
DS- 510	Mahogany	
DS- 610	Ebony	
DS- 710	Mission Brown	
DS- 810	Amber	
DS- 910	Olive	
DS- 1100	Walnut	
DS- 2010	Gold	
DS- 2210	Raw Sienna	
DS- 2510	Deep Caramel	
DS- 2710	Sand	
DS- 3010	Terra Cotta	
DS- 3510	Chocolate Brown	
DS- 3710	Saddle Brown	
DS- 4010	Deep Walnut	
DS- 4210	Burnt Sienna	
DS- 4510	Chestnut	
DS- 5510	Patriot Blue	
DS- 6710	Forest Green	
DS- 7010	Midnight Black	
DS- 7210	Black	

<b>Product</b> Mottling & Penetrating Agent (MPA)	<b>Shipping Weight:</b> 18 ozs (.02 kg)	<b>Container Size</b> 24-ounces (.70 L)
<b>Part Number</b> DS-8000	<b>Part Number</b> DS-8500	<b>Shipping Weight:</b> 4 Ounces (.02 kg)
<b>Product</b> Tip Kit with Check Valve		