


COLOR CROWN CORPORATION
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FAUX BRICK®
COLOR
HARDENER
TECHNICAL BULLETIN

Basic Use:

Faux Brick Color Hardener is a ready-to-use, dry shake material designed specifically for use with STARDEK Stencils to create brick, tile, stone and other patterns in concrete. It is also well suited for coloring, hardening, and finishing new concrete floors, walkways, pool decks, and other flatwork.

Faux Brick Color Hardener is not recommended for intermittent or continuous exposure to oxidizing mineral and organic acids that may be detrimental to the cement binder in the concrete slab. It is also not recommended for areas that will be subjected to heavy steel wheel vehicular traffic.

Composition and Materials:

Faux Brick Color Hardener is a special formulation of graded mineral aggregates, inorganic pigments, Portland cement, and surface conditioning and dispersing agents. The aggregates are selected for hardness and purity, then carefully graded through a wide particle size range to produce a dense, wear-resistant surface.

Color:

Faux Brick Color Hardener is available from stock in 25 standard colors. With sufficient notification, special and custom-matched colors can be formulated and must be purchased in minimum quantities of 2,000 pounds (40 bags).

Size:

Faux Brick Color Hardener is available in 50 pound multi-walled, poly-lined sacks.

Coverage:

For most commercial and industrial applications, a minimum of 50 pounds (one bag) per 100 square feet should be used for most standard colors. For light or pastel colors, 80 to 100 pounds per 100 square feet may be required. For heavy duty requirements, up to 120 pounds per 100 square feet may be required for all colors.

Textures:

A variety of finishes can be attained, such as the modern look of a smooth troweled finish or the skid-proof broom finish. There are a number of antiquing techniques that can create a charming colonial look.

Concrete Mix Design:

It should contain a minimum of 6 sacks of cement per cubic yard for most commercial and industrial applications. This is especially true for climates subject to freeze-thaw. For interior applications, the cement content may be reduced to a minimum of 5 sacks of cement per cubic yard. All fine and course aggregates must be totally non-reactive (free of deleterious particles). The water content should be the minimum practicable, and the slump should not exceed four inches. A

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

normal-set or retarded-set water-reducing admixture may be used, but the concrete substrate must contain no other admixture, such as calcium chloride or water-proofing additives containing calcium chloride. An air-retaining admixture should be used in all concrete on grade that will be subjected to freeze-thaw cycles or when required by the engineer.

Application:

When the freshly floated concrete substrate has reached the point where no excess moisture shows at the surface, but while still plastic throughout, the Faux Brick Color Hardener is broadcast evenly onto the surface in two applications. The first application should consume 2/3 of the material. After the first application, the surface is thoroughly floated. It should not be troweled between the first and second applications. The second application is then applied evenly and surface floated and troweled. A small quantity of material should be withheld for touching up non-uniform or weak-toned areas. Long handled fresnos must not be used. Hard troweling should be minimized, and consistent finishing practices used to insure uniformity of color. Troweling is not recommended in freeze/thaw climates.

Curing:

Faux Brick Color Hardened concrete should be cured with a curing compound that complies ASTM designation C309 (Liquid Membrane-Forming Compounds for Curing Concrete). The compound should comply with applicable air quality management regulations. The use of burlap or other wet covering, plastic sheeting, waterproof paper, or other liquid membrane type curing compounds is not recommended except for special applications. Curing with water is usually detrimental to color uniformity.

Warranty:

Faux Brick Color Hardener is warranted to be of uniform quality within manufacturing tolerances. Since no control is exercised over its use, no warranty-express or implied is made to the effects of such use. Seller and Manufacturer's obligations under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective.

The Choice Of
Professionals . . .



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