

# IN-STONE

## SEMI-TRANSPARENT STAIN

### Technical Data & Application Instructions

#### PRODUCT DESCRIPTION

IN-STONE is a water-based, modified acrylic designed to penetrate porous concrete and masonry surfaces. This penetrating, semi-transparent stain adds color to substrates such as standard or split-faced concrete block, pavers, cast-in-place and precast concrete, concrete floors or other concrete and masonry surfaces. It possesses excellent color stability, ultraviolet resistance, alkaline and pollution resistance.

IN-STONE is integrally locked into the substrate as a result of its low viscosity and microscopic penetration properties, thus preserving the existing detail on decorative textures. IN-STONE will not crack or peel when properly applied.

#### BASIC USES

IN-STONE provides a decorative color finish to surfaces such as standard or split-faced concrete block, pavers, cast concrete or other porous concrete or masonry substrates. When used on smooth concrete surfaces such as pre-cast panels or concrete floors, IN-STONE will provide a color finish similar to "Acid Based Stain" materials with out use of hazardous materials. Since it does not interfere with the natural water migration qualities of these surfaces, IN-STONE is also effective for use on retaining walls. It will not allow hydrostatic pressure build-up to occur, which results in peeling and surface spalling with film-forming materials. IN-STONE is not recommended for floors exposed to vehicular traffic.

#### COLORS

IN-STONE is supplied as a Clear Base, which can be easily tinted to produce a variety of colors. IN-STONE provides a semi-transparent finish, allowing decorative surface textures as well as certain background aggregate colors to remain visible, while uniformly toning the substrate.

#### CLEAN UP

Clean equipment with warm soapy water.



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#### TYPICAL PROPERTIES

1. **Solids By Weight:**  
10% ( $\pm 1$ ) [ASTM D2369]
2. **Solids By Volume:**  
10% ( $\pm 1$ ) [ASTM D2697]
3. **Weight Per Gallon:**  
8.4 lbs. (3.8 kg) ( $\pm 2$ ) [ASTM D1475]
4. **Dry Time Between Coats:**  
2 hours @ 75°F (24°C) [ASTM D1640]
5. **Cure Time:**  
7 days [ASTM D1640]
6. **Low and High Service Limits:**  
-7°F to 200°F (-21°C to 93°C)

#### SURFACE PREPARATION

Surfaces must be sound, clean and free of all dirt, oil, grease and efflorescence. Test the surface to be stained by wetting it. Non-porous or smooth-trowelled concrete surfaces that do not readily absorb water pose potential problems and must be sandblasted or acid-etched prior to application of IN-STONE.

#### APPLICATION

IN-STONE is designed to be applied using a Hudson-type garden sprayer, and may also be applied using a brush or roller. Mix container thoroughly prior to application. Thinning or reducing is not recommended. IN-STONE should be applied in a uniform manner that saturates and penetrates the surface, yet avoids excessive rundowns or puddling. Brush or roll out excess material while the coating is still wet. Apply in two separate coats, allowing a minimum of two hours between coats. Provide additional dry time in cooler temperatures or high humidity conditions. Application rate is approximately 150 to 200 sq. ft. per gallon depending on porosity of substrate (3.7 to 4.9 m<sup>2</sup>/l). Due to the low viscosity of IN-STONE, some pigments will tend to settle to the bottom. Therefore, remix frequently during application to assure uniform color consistency. Do not apply if the temperature is below 45°F (7°C) or if there is a chance of rain, dew or freezing temperatures before IN-STONE has dried. Do not apply during extremely high temperatures or under direct sunlight. Allow a minimum of 7 days for complete cure.

#### PACKAGING & MIXING

IN-STONE is packaged in 1-gallon (3.8 liter) cans and 5-gallon (19 liter) pails. Upon extended storage, some settling may occur. Stir as necessary using an upward motion from the bottom of the can to thoroughly blend the contents.