SEMI TRANSPARENT CONCRETE STAIN

DESCRIPTION

A passive water based semi transparent stain. For interior or exterior use on bare concrete surfaces.

PRODUCTS

STAINS: 239393 Burnished Gold, 239399 Sienna, 239394 Burnt Brick, 239397 Earth Brown, 239395 Limestone, 239396 Pewter, 239398 Patina, 239418 Tint Base
SEALERS: 239416 Gloss Clear, 239417 Matte Clear

KITS

Selected stains are packaged in kits. Each kit contains:

- 2 gallons of stain, 2 different colors
- 1 gallon of Wet Look Sealer
- Concrete Etch
- Pump Sprayer
- Disposable gloves
- Instruction sheet
- Step by step DVD

Kit 239408A Terra Cotta Color Hues. Contains: Sienna and Burnt Brick
Kit 239411A Tuscan Rock Color Hues. Contains: Burnished Gold and Sienna
Kit 239414A Sandstone Color Hues. Contains: Earth Brown and Limestone
Kit 239412A Slate Color Hues. Contains: Pewter and Patina

APPEARANCE

A Rust-Oleum Semi Transparent Concrete Stain Color Viewer (Form # 241550) is available to simulate the approximate color of each stain on bare, clean concrete.

PACKAGING

1 gallon containers.

SURFACE PREPARATION

Existing coatings or sealers must be removed prior to applying Rust-Oleum Concrete Stain. Test for a sealer by lightly sprinkling water onto the surface of the concrete. If water droplets bead up rather than soak into the concrete, then a sealer is present, and the sealer must be removed prior to staining.

Allow newly poured concrete to cure for a minimum of 28 days.

Cleaning: Proper surface preparation is critical to performance. Before staining concrete surfaces, remove all oil, grease, and other contamination with EPOXYShield® Heavy-Duty Degreaser or other suitable detergent. Rinse thoroughly with fresh water. Repeat as necessary to completely clean. Remove any loose or unsound concrete.

Etch: For maximum adhesion, use the concentrated citric etch included in the Rust-Oleum® CONCRETE STAIN kit, or use EPOXYShield® CONCRETE ETCH (sold separately). Mix the concentrated citric etch with 2 gallons of water. Use a plastic watering can to evenly distribute solution. Note: Avoid contact with steel and other metals.

Dampen the concrete surface prior to etching using clean fresh water. Do not allow pools of water to remain. Apply the etching solution over the damp surface and allow to stand for 1-2 minutes.

Scrub the area with a stiff bristle brush to optimize the surface etching. Continue the scrubbing process while rinsing to ensure all contaminates and concrete fines are rinsed away. Finish the process using a foam squeegee to remove the rinse water from the surface. Repeat twice before continuing to the next section.

Allow the surface to dry completely. Wipe your fingers over the clean, dry concrete. If you see any dust or powder on your fingers, repeat the rinsing and scrubbing until the surface is clean. If your fingers remain clean, the surface has been properly prepared and is ready for staining. **Note: If the concrete is not thoroughly etched and completely rinsed, stains may not adhere properly to the surface.**

Keep the etched areas clean prior to the application of the concrete stains.

APPLICATION

Apply when air (ambient) temperature is 50-90°F (10-32°C) and relative humidity is below 85%. Do not stain outdoors if rain is expected within 48 hours. To minimize overspray, properly mask adjoining areas and avoid staining in windy conditions.

Rust-Oleum® CONCRETE STAIN is ready to use. Do not thin. If using more than one gallon, box all containers of the same product to ensure color uniformity. Stir thoroughly before applying.

Use a brush or edger to trim the perimeter and hard-to-reach areas. Using a high-quality pump sprayer with the tip set to a fine mist, apply in a circular or figure eight pattern. Ensure that the sprayer is fully pressurized. On smaller areas use a hand held trigger spray, paint brush, sponge, rag, or stipple brush to apply the stain.

To prevent drips and runs, start and stop the sprayer just off of the work area. Apply base coat evenly (100% coverage) and allow approximately 1 hour dry time before applying accent color(s).

If desired, apply accent color(s) over the base coat to provide the desired level of contrast. Allow to dry for approximately 1 hour. If desired, lightly mist the original base color over the entire surface to further “soften” the look.

For maximum durability, apply Rust-Oleum Concrete Sealer over the stained concrete surface. Allow the stain to dry for at least 1 hour prior to applying the sealer.

PHYSICAL PROPERTIES (Calculated values are shown and may vary slightly from the actual manufactured material)

RESIN TYPE Water based acrylic

PIGMENT TYPE Varies Depending On Color

SOLVENTS Water

VOC (Volatile Organic Compound) < 100 g/l (<0.83 lbs/gal)

WEIGHT PER GALLON 8.4-8.6 lbs.
WEIGHT PER LITER 1.0 kg

SOLIDS BY WEIGHT 11.0-13.8%
SOLIDS BY VOLUME 9.2-10.7%

PRACTICAL COVERAGE 250-450 sq ft/gal (8.7 – 17.5 m^2 /l) on smooth concrete
@ RECOMMENDED DFT 150-250 sq ft/gal (8.7 – 17.5 m^2 /l) on rough or porous concrete

DRY TIMES @70º - 80ºF (21º - 27º C) AND 50%RH: RECOAT 1 hour

SAFETY INFORMATION Flashpoint >212ºF (100ºC)
Lead Content No lead has been deliberately added.

WARING! IRRITANT! HARFUL IF SWALLOWED. MAY CAUSE EYE, NOSE, AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING.

USE ONLY WITH ADEQUATE VENTILATION. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. **WARNING!** This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

CAUTION: KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

RUST-OLEUM CORPORATION • 11 HAWTHORN PARKWAY • VERNON HILLS, ILLINOIS 60061 • TELEPHONE: 888-683-5667

An RPM Company

Published 12/08