



True Etch™ Concrete Acid Stain (42-293 – 42-299)

True Etch Concrete Acid Stain (42-293 – 42-299) produces surfaces with rich and variegated finishes. Instead of covering the concrete like paints or coatings, chemical stains infuse color into the surface while showcasing characteristics of the substrate. The translucent effects and the broad drifts in color which are considered trademarks of chemical stains give surfaces the appearance of a timeworn 'patina' finish.

PRODUCT FEATURES & BENEFITS

- Etches and penetrates new and/or existing concrete that is free from sealers, paints, and other forms of resists. Stains form permanent precipitates becoming part of the concrete. Color remains in the concrete pores, so the color won't crack, chip, peel or fade.
- Does not 'cover up' the concrete surface but rather works in conjunction with the character of the substrate. This product produces a variegated finish, an 'old world' surface effect, like the patination of bronze or the natural oxidation of copper. The broad drifts of color and mottled surface effects are not considered defects but rather architectural identifiers of this concrete coloring method. It is reactive by nature, and stains are not paints or coatings and are therefore pigment-free.
- True Etch Concrete Stain (42-293 – 42-299) can be applied inside or outside to walkways, driveways, pool decks, patios, plazas, street pavements, and more.

PRIOR TO APPLICATION

- Always create an actual finished mock-up sample for client approval prior to installation of each project.
- True Etch Concrete Stain should be applied to concrete that has fully cured, allow concrete to cure for 28 days. If stain is applied to concrete that has not fully cured, results may be unpredictable.
- Before application, your surface must be dry, structurally sound and clean – free of dirt, grime and any other material that would act as a resistance to the stain.
- To test the surface (to be stained) for the presence of sealers, curing compounds, or release agents, mist the surface with water from a handheld spray bottle. Potential problem areas will not 'wet out' uniformly. Extremely dense or burnished surfaces should be slightly abraded to better accept True Etch Concrete Stain (42-293 – 42-299) followed by recommended finish sealers. Abrade with 100 to 120 grit sanding screens.
- To test the surface for color acceptance, a sample conducted with the proposed True Etch Concrete Stain is recommended, especially for existing slabs, it is recommended that a sample be completed in an area on the actual surface to be stained.

PRODUCT APPLICATION

- Prior to staining apply Bonway's Boss Etch and Clean (42-390) as a surface cleaner to enhance the color of the finished stain. Apply True Etch Concrete Stain directly over damp or dry surfaces that have been pre-treated.
- True Etch Concrete Stain (42-293 – 42-299) is best applied with an all plastic pump-up sprayer.
- As stain is applied, various degrees of acidic reactions, such as fizzing and foaming might occur. These types of reactions are generally signs that the substrate is accepting the stain. In certain cases, and with certain stain colors, no immediate visible reaction may take place. It is important to let the stain dwell for a minimum of 5 hours before rinsing and/or cleaning.
- Do not rinse stain between coats.
- After the first coat has dried, additional coats can be applied, to avoid any unevenness, brush out any excessive puddling.
- Allow the final coat to dry before completing the neutralizing with 42-389 Acid Stain Neutralizer Concentrate, rinsing, and cleaning processes. Recommended minimum dry time for the final coat on most surfaces is 10 hours.
- Prior to sealing, the surface must be clean and dry. After the final rinse cycle, wait 24 hours before applying any sealer. Important: Temperature and humidity will affect the drying times of the surface.

COVERAGE INFORMATION

- Coverage rates may vary depending on the texture, porosity and condition of the concrete, application method, and other local conditions. Important: do not over apply the stain, over application will cause additional residue that may be challenging to remove.
- Rough or Broom Finish: 200-400 square feet per gallon, per coat.
- Hand Troweled or Polished Concrete: Approximately 400 square feet per gallon, per coat.

MAINTENANCE

- Maintenance schedules will vary depending on a number of factors, including volume and intensity of traffic, UV light exposure, geographical location and weather conditions.
- Resealing will be required periodically, depending on the amount of foot traffic. As with any other surface treatment, the lifetime of this product is dependent on the care it is given.
- The use of a qualified flooring maintenance contractor is recommended for resealing, especially in commercial applications.

PRODUCT LIMITATIONS

- Avoid applying stain to surfaces with temperatures below 60 F and above 100 F. In case where stain must be applied on hot exterior surfaces, we recommend spraying the concrete surface with cool water and then allowing it to evaporate which will help lower the surface temperature.
- On the True Etch Concrete Stain Color Chart, the colors are shown as applied to uncolored (gray) concrete. This product once applied is limited in effects by each individual concrete substrate and may differ significantly from the colors shown on the chart. There is an element of uncertainty and unpredictability inherent in the use and final appearance including uneven, mottled, or translucent effects.
- Concrete that was placed using chloride accelerators will not accept True Etch Concrete Stain.
- Hand-troweled concrete may be difficult to stain, staining is not recommended without first opening the surface.

DRY TIME

- Dry times will vary depending on surface permeability, temperature, humidity, and local conditions. When drying, do not cover the surface with anything non-permeable for a minimum of 24 hours.
- Typical dry times are at 70 F and 50% relative humidity.
- Allow a minimum of 5 hours dry time for the first coat.
- Allow 24 hours dry time prior to applying protective sealer, after completing the neutralizing, rinsing and cleaning process.

PRODUCT SHELF LIFE

- Store True Etch Concrete Stain indoors away from heat or sunlight at a temperature range of 50 F to 80 F.
- Do not allow product to freeze.
- Average Shelf Life: 12 months.