

## PRO-STAIN WATER-BASED, OPAQUE STAIN

**DESCRIPTION:** Pro-Stain is a water-based, high quality stain made for use with existing unsealed interior or exterior concrete surfaces. It penetrates the surface of concrete and forms a breathable finish that can be sealed when dry.

**PREPARATION: Requires clean, porous surface.**

**Existing concrete:** All debris, loose concrete, coatings, paints, oils, releases, etc must be removed by proper pressure washing, acid washing, grinding, or stripping. We recommend DuraClean and DuraEtch products as needed for surface prep. Etching or grinding is needed on hard troweled tight/dense smooth concrete.

**New concrete:** Needs to cure 30 days in warm weather, longer if cold. All new concrete must be properly cleaned of the surface alkalizes, dusting, efflorescence, and chemicals. These chemicals are present but not visible and they will lead to early failure of the stain as they will activate each time they get wet.

Do not install when high hydrostatic pressure or moisture is present. The concrete surface temperature needs to be between 50° f (10 c) and rising and 90° f (32 c) and cooling.

**PRESSURE WASHING:** Use a 3000 psi/4 gpm capacity minimum pressure washer. Hot water washers are best, with cold water spend more time cleaning. Use a 15 or 20 degree tip. Keep the wand straight up and down during cleaning, keeping the tip the same distance from the surface at all times. Clean as close as possible without damaging the surface, making sure to overlap the cleaning strokes.

**MIXING the 3 part kit :** Empty Part 1 liquid into bucket, fill bottle 1 with water (32 oz) and add to bucket. Empty Part 2 liquid into bucket, fill bottle 2 with water (32 oz) and add to bucket . **Mix well with drill mixer.** Empty Part 3 color into bucket, add 2-4 jars additional water. For standard job sites 4 jars (128 oz) is the recommended amount, for better hide when applying lighter over darker, colors 2 jars (64 oz) would be recommended. Mix thoroughly with drill mixer. Total water added is 1-1½ gallons. Pot life is 6 to 8 hours depending on the temperature.

**APPLICATION:** Remove excess lint and particles from application broom before using. Agitate all ingredients in the bucket with Pro-Stain broom, making sure to mix at the bottom of bucket until all pigment is thoroughly dispersed into the liquid. Leave application broom in bucket of mixed stain while installing so it does not dry out. Agitate mixture in bucket each time entering bucket to obtain more material. Apply a broom full of mixture to concrete and spread with circular and figure eight motion as far as it will spread. No pressure is needed on the applicator. Continue to spread and broom until it does not puddle.

Again place application broom in bucket, agitate mixture with broom all the way to bottom of bucket, then apply broom filled with stain next to previous area spreading the material as far as it will spread, making sure to overlap the areas so color stain is applied evenly. Always maintain a wet edge. **Periodic re-brooming is absolutely necessary until color dries evenly.**

Continue to apply and overlap areas, looking for areas that need to be re-broomed so color will dry evenly. If needed you can walk on wet stain with normal shoes, re-brooming the foot prints as you back your way to the last applied area that is still wet and needs re-brooming also. At a certain point in the drying time you should not walk on it until it is completely dry to the touch. Experience will quickly teach the timing to get off the surface and let it dry.

It is best to use the applicator broom right to and around the edges, but a bristle brush can be used in corners and edges if needed. **Tape will not work with this stain, it will bleed under the tape.**

Additional coats can be applied 1 hour after the stain is dry to the touch (not tacky). You can check it with a wet cloth, wiping the surface to see if the stain re-emulsifies. If it does, wait for further drying to apply additional coats. For maximum durability we recommend sealing with Dura Eco-Seal.



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**CURING & DRY TIMES:** Dry times will vary with temperature and humidity. Do not get wet for 24 hours. Can be walked on when dry to the touch (not tacky), normally 3 to 6 hours after application. Can be driven on after 48 hours (weather permitting). We recommend parking on cardboard for 24 days. New tires, high performance tires, and some rare types of tires have extra solvent in the rubber to keep them pliable, and this is known to cause problems with any stain, sealer, or other coating on concrete. We recommend 24 days using cardboard under tires, and seeking advice from the tire manufacturer on suitable long term solutions. This is a rare instance but it can happen. Can be pressure washed after 1 week of warm weather, 60 degrees and above.

A complete kit requires two 32 FL OZ bottles which form the Base product, and one 3 LB jar of Pro-Stain Pigment. Pigment color is selected and purchased separately from Base.

**COVERAGE:** 600 - 800 square feet, single coat. Coverage will vary depending on the base color. In most cases, 2 coats are recommended.

**TOOLS NEEDED:** Pro-Stain broom and handle, bucket, water.

**FIRST AID WARNING:**

**EYES:** Do Not Rub. Flush eyes with water several times while holding eyelids open and get medical attention.

**INGESTION:** Do Not Induce Vomiting. Drink water and get medical attention.

**INHALATION:** Move to fresh air. If respiratory symptoms continue get medical attention.

**FIRE:** Non-Flammable.

**SPILLS:** Absorb liquid with any absorbent products. Dispose of according to local guidelines.

**EMPTIED CONTAINERS:** May have residue and need to be disposed of according to local guidelines.

**CAUTION: KEEP OUT OF REACH OF CHILDEN AND ANIMALS.** Before using or handling, read the Safety Data Sheet and Warranty.

**DO NOT TAKE INTERNALLY. Avoid contact with skin and eyes.**

**DO NOT ALLOW PRO-STAIN TO FREEZE**

**WARRANTY:** This product is not for public use and is intended for use by licensed contractors, 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 affects or as results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or re-placing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

**NOTE: PRO-STAIN IS INTENDED FOR PROFESSIONAL USE ONLY.**