

## SealGreen E15 Stamped Concrete Epoxy Sealer

Application Instructions for Old, New, & Acid-Stained Concrete/Cements; and Gypsum Flooring

**STARTING POINT** is a totally clean, absorbent surface free of all contamination and residues and without laitance/scrium coat. If concrete/cement has been acid stained or etched, it needs to be neutralized by a scrub with a non-sudsing ammonia solution or baking soda and copious double water-rinse. **Ample dry time of at least 24 hours is required.**

If surface has been stained with waterborne stain, please insure that floor is dust free and dry. It is recommended **waiting 12 hours after stain application before SealGreen E15 is applied.**

### Product, substrate and site temperature:

1. When mixing, during application and during cure, **must be 65°- 85° F, humidity <60% with good air circulation.**
2. Do not run fans during application.
3. **Two coats of SealGreen E15 Stamped Epoxy Sealer are required for every type of substrate.**
4. **Correct application sequence: First apply E15-1<sup>st</sup> Coat and then apply E15-2<sup>nd</sup> Coat.**
5. **With humidity above 60% allow at least 12 hours between coats.**

### Product Availability Kits:

1. **One Quart Kit covers 150 to 200 Sqft.** - Kit includes E15-1<sup>st</sup> Coat and E15-2<sup>nd</sup> Coat
2. **One Gallon Kit covers 600 to 750 Sqft.** - Kit includes E15-1<sup>st</sup> Coat and E15-2<sup>nd</sup> Coat
3. **Two Gallon Kit covers 1,200 to 1,500 Sqft.** - Kit includes E15-1<sup>st</sup> Coat and E15-2<sup>nd</sup> Coat
4. **Four Gallon Kit covers 2,400 to 3,000 Sqft.** - Kit includes E15-1<sup>st</sup> Coat and E15-2<sup>nd</sup> Coat

*Note: Depending on surface absorption. Second and third coats will have larger square foot coverage.*

**MIX WELL by SHAKING FOR 30 seconds SLOWLY.** Make sure that there is no sediment at bottom of container.

Sealer can be applied with a pump sprayer with a fan tip followed by a back roll with the appropriate roller nap or the pour and roll method described below. Filter E15 Stamped Concrete Sealer when filling the pump sprayer. Two coats are required for any type surface.

Use short nap roller (3/8" or max 1/4") for smooth concrete. You want an even coat that gets substrate totally covered but without pooling. If the surface has a stamp or a profile, you may use a 1/2 inch to 1-1/4-inch nap shed-free roller.

Roll in standard "V"/"W" pattern. Lay down with back roll as below:

Pour small amount on floor or use a paint tray to load roller and create a "V" or "W" in a 4' x 4' area. Working in a push/pull mode (away from you and towards you) quickly spread the material. Use one hand only to hold the roller so you won't apply too much pressure to the roller handle when rolling as pressure will thin the coat. The idea is to spread material evenly and to avoid leaving lines on the surface when applying the product. Roll at a slow speed to avoid creating bubbles.

**LIGHTLY BACKROLL.** *Do not overwork.* Repeat the above adjacent to the first area, overlapping the new "V"/"W" slightly into the old. Overlaps should be wet to wet.

Apply the E15-2<sup>nd</sup> Coat after 1.5 hours or longer time. If humidity is high above 50% to 60% allow 12 hours between coats. Apply E15-2<sup>nd</sup> Coat in opposite direction than the application of E15-1<sup>st</sup> Coat. When final coat of SealGreen E15 is print free or totally clear (no haze), typically in 24 hours, you can move furniture, etc. onto surface. Wait 8 hours for regular foot traffic.

For added durability on high traffic areas, acid staining, very porous substrates, or where the potential for standing water exists, apply three coats with second and third coat applied when previous coats are *print-free* and *totally clear* (no haze). On very humid days, allow longer drying times between coats. This will vary depending temperature.

**NOTE:** *If you have applied a very heavy coat, especially under cool conditions/low air circulation, time until clear will increase.*

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## POSTAPPLICATION PRECAUTIONS

*Clean up is soap & water. Close and properly dispose of bottles as job site chemical waste.*

**KEY STEPS TO REDUCE MAINTENANCE, COSTLY REPAIRS AND TO  
KEEP YOUR STAMPED, COLORED CONCRETE LOOKING GREAT.**

### YOUR STAMPED CONCRETE IS COMPOSED OF FOUR PARTS:

1. The concrete slab that has been stamped to provide a beautiful pattern
2. The primary color which covers the entire surface
3. The secondary color or antiquing that provides highlights; that special look of light and dark shades
4. The sealer which makes the colors deep and rich. provides the shine and protects the entire surface

The sealer is the most important part of your stamped concrete because it is the protection layer. Once this is damaged it will allow water penetration, hazing or white milky spots, color discoloration and ultimately concrete deterioration. National average cost of placing stamped concrete is between \$12.00 and \$18.00 per square foot. In other words, it would cost between \$1,200 and \$1,800 to replace a 10' by 10' patio. Most people do not realize the huge investment they have in stamped, colored concrete.

### WHAT YOU NEED TO KNOW

- Never use a pressure washer to clean your stamped concrete. Over time the high pressure breaks down the sealer and reduces the protection, the shine and expected life of the sealer.
- Always use a gentle cleaner when washing stamped concrete. The cleaner will release the dirt that gets trapped in the valleys and crevices of the stamped concrete. We recommend using SealGreen Oil Cleaner/Degreaser.
- Always use a garden hose to rinse your stamped concrete. This will extend the life of the sealer.
- Plan to reseat your stamped concrete at least every 18 to 24 months. If you wait too long between sealer applications the sealer will breakdown and allow the color to start fading. Use antiskid.
- Avoid pet accidents over the stamped concrete. The urine of the pets is very acidic and tends to stain and destroy the sealer over time.
- Avoid over-spray from lawn sprinklers. Constant exposure to water on the surface will break down the sealer, create milky white stains (humidity) and eventually expose the color of the concrete to the environment.
- Avoid salts and deicers. Salts and deicers are very acidic and breakdown the sealer very quickly. We recommend using a concrete and environmentally safe deicer such as SealGreen Snow and Ice Melter.
- Never shovel the snow or ice off the stamped concrete with a metal shovel or blade as it can scratch or chip the sealer and the concrete.
- Pots and planters on top of the stamped concrete should be at least ½ from the surface to allow the stamped concrete to dry and reduce white, humidity staining under the planter. Or better yet, use a drip tray that catches the water.
- Avoid watering plants with plant food or fertilizers that have high acidity over stamped concrete because it stains the concrete white and destroys the sealer.
- Avoid portable fire pits or chimereas over stamped concrete because the heat destroys the sealer creating white stains. And if is too hot it may weaken and destroy the concrete under it permanently.
- Never drag sharp objects such as metal patio chairs or tables over the stamped concrete. Lift them to move them as they can scratch the sealer and allow for water penetration into the concrete.
- Do not over-seal your stamped concrete. Usually a good sealer will last at least 18 months. Sealing more often such as every year can build up the coating. Over time the sealer can turn yellow, hiding the original color stain. When this happens, you will need to completely remove the coating and start over.
- Do not drain gutters on top of your stamped concrete. The constant water and the minerals in the water can breakdown the sealer and permanently stain the surface of the concrete.

### A MESSAGE FROM SEALGREEN.COM

We are dedicated to the protection of existing concrete – plain and/or decorative concrete. Through our many years of experience restoring stamped concrete we have learned what we have shared above. Also, we have learned that it is possible to preserve stamped concrete if it is maintained and serviced properly. We at SealGreen are also very concerned about our environment so we have developed products that will help maintain your stamped concrete and at the same time protect the environment – no VOC's to pollute the air, no toxic materials to run off into the water supply, no toxic materials to harm you, your children, your pets, your landscaping, or your community.