
SealGreen E10 High Performance Sealer

Application Instructions for Garage Floors with Vehicle Traffic and Plain Concrete

STARTING POINT for the application of SealGreen E10 Epoxy Sealer is a totally clean, absorbent surface free of all contamination and residues and without laitance/scrim 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 rinsed with copious amounts of water. Ample dry time is required.

Process for preparing a concrete surface for SealGreen E10 Epoxy Sealer

1. Mix the SealGreen Stain Primer/Cleaner. Standard mix is 2 lbs. of powder to 5 gallons of water.
2. Fill a 5-gallon pail about $\frac{3}{4}$ full with cold water; add 2 Lbs. of SealGreen Stain Primer/Cleaner to the pail and stir gently to avoid sudsing. Once all the powder is dissolved; add water to fill the pail up to one inch from the top. You now have ready to apply cleaner to cover 1,000 square feet. Please watch the video on YouTube for this step – https://www.youtube.com/watch?v=UqcYSC5-Y_s
3. Apply the cleaner generously with a hand pump, low pressure sprayer (like a garden sprayer) or use a string mop by dipping the mop in the pail and applying to the floor without rinsing. Immediately follow with a floor maintainer equipped with a black pad and scrub the floor thoroughly.
4. As the scrubbing process is taking place, immediately follow with clean water rinse and a wet/dry shop-vac to collect all the water. Using a shop-vac for water collection will reduce the amount of water penetrating the concrete and it will dry faster.
5. The SealGreen Stain Primer/Cleaner will dissolve the plaster typically left after drywall installation, most oil stains and some paints. The product will not remove glue.
6. Glue removal – To remove glue we use Bean-e-doo Mastic Remover. This is a soybean by-product designed to remove black mastic, carpet glue, etc. This product is environmentally safe and when applied it liquefies the glue and makes it easy to remove from the concrete floor. More information on this product - <http://sealgreen.com/Mastic-and-Adhesive-remover-for-concrete.aspx>. After the Bean-e-doo application and removal the floor requires washing. Follow the cleaning instruction for SealGreen Stain Primer/Cleaner.

Crack Repair:

Depending on the width of the crack we have two processes to choose from:

1. For cracks that are small (Definition of a small crack: The point of a ball point pen cannot be inserted into the crack) we recommend using SealGreen Concrete Patch Repair. This is a cementitious material designed to be applied using the same method as grouting a tile floor. SealGreen Concrete Patch Repair is a filler product and not a concrete repair product. <http://sealgreen.com/Concrete-Patch-Repair.aspx>. The purpose of the filler is to fill the crack and still be absorbent of the SealGreen E10 Epoxy Sealer.
2. For larger cracks (anything bigger than a small crack) we recommend you open the crack with a crack chaser blade and fill it with any type of concrete repair material. We recommend that all the crack chasing be done before the floor is washed but all cracks should be filled after the floor is clean.

Please insure that floor is dust free and dry. We recommend that you wait 8 hours after cleaning and repair applications before applying SealGreen E10 Epoxy Sealer. Please watch the video on how to apply SealGreen E10 on YouTube https://www.youtube.com/watch?v=Os3WhFp_e6c

SealGreen E10 Application Process:

Product, substrate and site temperature, when mixing, during application and during cure, must be 65°-85° F, humidity <60% with good air circulation. Do not run fans during application. Box fans are required for normal cure after each coat application. **Two coats of SealGreen E10 Epoxy Sealer are required for every type of substrate and vehicular traffic.**

ONE UNIT consists of a 1 gallon bottle - *A gallon unit will cover approximately 600 sqft; depending on surface absorption. Second and third coats will have larger square feet coverage.*

MIX WELL by SHAKING FOR 1-TO-2 MINUTES. Make sure that there is no sediment at bottom of container.

Sealer can be applied either with a pump sprayer with a fan tip followed by back rolling or by pouring and rolling with the appropriate shed-free roller cover. Filter E10 Epoxy Sealer when filling the pump sprayer. Two coats are required for any type surface.

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

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

Pour small amount on floor 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 just to spread material evenly and avoiding 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. Work fast so that overlaps are wet to wet.

For added durability on acid staining, very porous substrates, or potential standing water, apply three coats with second and third coat applied when previous coats are *print-free* and *totally clear* (no haze). This usually takes about 2 hours. This will vary depending on room temperature. *NOTE: If you have applied a very heavy coat, especially under cool conditions/low air circulation, time until clear will increase.*

When final coat of SealGreen E10 is print free or totally clear (no haze), typically in 24 hours, flooring adhesives may be applied. Wait 8 hours for foot traffic.

POSTAPPLICATION PRECAUTIONS

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

SealGreen W10 Finish Coat

The SealGreen W10 Finish Coat is a roller or microfiber mop-applied emulsion that provides a high gloss sacrificial coat to the surface. It can be used as often as needed or desired as a maintenance gloss coat. Application video <https://www.youtube.com/watch?v=B6fwrnYEVgY>

The W10 Finish Coat is applied after the SealGreen E10 High Performance Sealer has cured for 24 hours.

Dry Time: 1.5 hours. Coverage: 1,400 to 1,900 square feet per gallon. Finish: High Gloss

The more coats the glossier the floor.

First Time Application: Apply with a short nap roller. When dry buff with a microfiber towel or pad. W10 Finish Coat can be applied with a pump sprayer with a fan tip followed by a back roll or by pouring and rolling with the appropriate roller cover.

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

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

Pour small amount on floor to load roller and create a "V" or "W" in a 4' x 4' area.

Working in a pull/push mode (away from you and towards you) quickly spread the material. Use one hand only to hold the roller, do not apply pressure to the roller handle when rolling, pressure will thin the coat. The idea is just to spread material evenly while avoiding leaving lines on the surface when applying the product. Roll at a lower 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. Work fast so that overlaps are wet to wet.

For added durability on high traffic areas, acid staining, very porous substrates, or potential standing water, apply three coats with second and third coat applied when previous coats are *print-free* and *totally clear* (no haze). This is will vary depending on room temperature. *NOTE: If you have applied a very heavy coat, especially under cool conditions/low air circulation, time until clear will increase.*

When final coat of SealGreen W10 is print free or totally clear (no haze), typically in 1.5 hours, floor will be available for foot traffic.

Maintenance Application: Pour small amount on floor to load a microfiber pad. Apply as needed. Typical drying time is 1 hour.

Buffing: After W10 has dried, a light buff with a white pad is optional for regular maintenance.