

# Concrete Driveway Garage

## 100% Acrylic Concrete Stain

Please read this guide completely before applying product.

### PREPARATION IS KEY!!!

CDG is Premium Concrete coating that will exhibit superior adhesion and performance when properly applied. Carefully assessing the condition of the surface before painting can help avoid premature coating failure.



### **Optimal Coating Performance Is Easily Achieved By Avoiding These Common Issues:**

- *Surface not properly cleaned*
- *Surface not etched when required*
- *Excessive Moisture on surface*
- *Painting over a non-compatible coating*
- *Painting over fresh concrete without allowing proper curing time*
- *Painting over a coating that is peeling or flaking*
- *Painting wood, metal, or other non-recommended surfaces*

Use Concrete Driveway Garage Acrylic Stain on **Concrete, Masonry, and Asphalt** surfaces following the instructions in this guide.

New concrete should be allowed to cure for a period of 30-45 days. PH levels should be below 10.0. Make sure that concrete is sound, and not crumbling. Make sure asphalt is not greasy, oily, or freshly sealed.

### **CLEANING AND PREPARING THE SURFACE:**

Remove dirt, dust, and debris by sweeping, or using a leaf blower on large areas.

**Grease / Oil / Rust Stains:** Wet surface with hose or mop. Mix 1/4 cup of TSP (trisodium phosphate) for every gallon of warm water in a pail. Wear protective gloves. Using a stiff bristle brush or broom, work the solution into the surface. Rinse the surface thoroughly. If using a store bought degreaser, follow manufacturer's instructions and rinse thoroughly.

**Pressure Washing** is highly recommended in most applications, especially on old and previously painted surfaces. Use a 3000 PSI sprayer if existing coating is peeling or flaking and try to remove as much of the old coating as possible. Pressure wash surfaces to remove embedded dirt.

**Algae / Mold / Mildew:** CDG is formulated with a highly effective mildewcide/algaecide. This will prevent future growth but existing algae, commonly found in high humidity environments, must be removed prior to painting. Mix 1/4 cup of TSP (trisodium phosphate) with one gallon of room temperature water and pour in one quart of bleach. Stir thoroughly. Saturate areas where algae is present using a pump sprayer, sprinkling with watering can, or other method. Allow solution to sit for 20 minutes. Scrub vigorously with stiff bristle broom to remove algae. Rinse area thoroughly. Repeat if necessary. **BLEACH MAY KILL OR BURN PLANTS** so make sure solution does not spill onto lawn.

[www.drivewaypaints.com](http://www.drivewaypaints.com)

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**Etching the Surface:**

Etching is cleaning the surface with a muriatic acid solution. Etching is recommended for uncoated smooth or trowelled concrete surfaces. It is also recommended for uncoated aged, dirty concrete. Do not etch asphalt or previously painted, stained, or sealed concrete. **Generally, to determine if etching is necessary, spill a small amount of water on the surface. If the water penetrates the surface quickly, the concrete is likely porous enough for the paint to adhere properly and etching is not required.** If the water penetrates slowly, the concrete should be etched. If the water beads, does not penetrate at all, there is most likely a clear sealer applied to the surface in which case you should not etch but follow other cleaning instructions. **Checking adhesion is recommended if painting over a previously sealed surface.**

**Etching Instructions:**

Etching can be done safely if properly following directions. Please read instructions completely before proceeding.

Muriatic Acid (also known as hydrochloric acid) can be damaging to clothes, metal, and other materials. It can also severely burn skin and is dangerous to inhale. **WEAR PROTECTIVE GLOVES, SPLASH SAFETY GOGGLES. AND AN APPROVED RESPIRATOR.**

Dampen the surface by lightly spraying with a hose. Do not allow water to puddle. If treating a large area, you may want to divide it into sections. Concrete should not be dry when applying solution.

**MIX 3 PARTS WATER to 1 PART MURIATIC ACID. FILL THE CONTAINER WITH WATER FIRST AND POUR ACID INTO THE WATER. Do not pour water into acid. Never pour acid into an empty container.** 1 Gallon of solution should cover about 50 square feet. Sprinkle solution with a watering container. Do not pour directly as this can cause splashing. Scrub the solution into the concrete gently with a broom or long handle scrub brush. Avoid splashing. The solution should start to fizz and bubble. Let the solution sit for 10-15 minutes but do not allow to dry adding more solution if required.

Rinse the solution thoroughly by pressure washing. It is important to remove any chloride salts that might remain after the etching process prior to painting. Surface should now feel rough, like 120-220 grit sandpaper. Repeat if necessary.

Allow surface to dry completely before painting, at least 24 hours under favorable conditions.

**CHECKING FOR MOISTURE ISSUES BEFORE PAINTING:**

Tape a 2' x 2' piece of plastic sheeting or drop cloth to the concrete using duct tape on all edges. Check after 24 hours. If water droplets are present under plastic, or if the concrete under the plastic feels damp, the surface **SHOULD NOT BE PAINTED** until the moisture issue is corrected.

**CHECKING ADHESION TO AVOID COATING FAILURE:**

Adhesion issues can be present when painting over certain alkyds, polyurethanes, epoxies, solvent stains, and water sealers. It is recommended to check adhesion before painting the entire surface.

Apply a small amount of CDG to a clean and dry surface and wait 72 hours. Use duct tape on the sample area and check to see if paint pulls off. If the CDG sample stays intact, adhesion will be good. If the paint peels, CDG should not be applied to the surface. If painting over a previously painted surface and the original coat lifts, pressure wash the surface (3000 PSI) to remove as much of the original coat as possible and check adhesion again. If it fails again you should not apply CDG without first removing the previous coating with a Paint//Stain Stripper. Check manufacturer's instructions. You may also try rough sanding the surface in a circular motion or grinding the concrete, removing dust and cleaning the test area, and checking adhesion again.

**TOOLS:**

CDG may be applied with a Nylon/Polyester brush, a soft woven Roller Cover (3/8" nap or greater, depending on surface texture), or with an Airless or Conventional Sprayer (1500-200 psi, .015" - .021" tip).

**APPLICATION:**

- Surface should have been thoroughly rinsed of all cleaners and allowed to dry for at least 24 hours.
- Mix product thoroughly before applying to ensure color uniformity.
- If using multiple containers of the same color, they should be mixed together.
- Ideal application temperature is between 50°F and 90°F.
- Make sure rain does not fall for 24 hours after application.
- Surface may be slightly dampened with a fine mist if temperature is too high.
- Do not paint very hot asphalt or concrete.

The ideal way to paint a floor is by applying multiple thin coats. Working in one direction, evenly apply the first coat. DO NOT ALLOW PRODUCT TO PUDDLE. Wait 2-4 hours before applying the second coat. Apply the second coat in the opposite direction of the first coat. Although not usually necessary, additional coats may be applied, always waiting 2-4 between coat applications. **Applying multiple coats will increase the sheen of the product.**

**DRYING TIMES:**

to touch: 30 minutes - 1 hour

recoat: 2-4 hours

light foot traffic: 12 hours

heavy foot traffic: 24 hours

vehicle traffic: 48-72 hours

**DO NOT WASH OR SCRUB THE SURFACE FOR 30 DAYS AFTER PAINTING**

**CLEAN UP:** Clean paint, associated equipment and skin with warm, soapy water. Keep container closed when not in use. Use original container for storage and disposal. Absorb spills with inert material such as sand or kitty litter. Check and abide by local, state and federal regulations on container and paint disposal.

**SLIP CAUTION:** CDG has a Mid-Sheen, Satin finish that can be slippery when wet, particularly on smooth surfaces. If using in an area prone to slip hazards, a slip resistant anti-skid additive is recommended.

**WARNING!** This product can cause irritation to the skin and eyes. Always wear protective clothing and gear including gloves, goggles and a face mask. Do not eat, drink or smoke while using this product. Harmful if swallowed. Remove contaminated clothing and wash prior to reusing. Wash hands well after handling. Check and abide by local, state and federal and regulations on paint and associated waste disposal.

**FIRST AID:** Eyes: Use water to gently rinse for several minutes. Remove contacts if necessary and possible. Seek medical attention if irritation persists. Skin: Use soap and water to clean. Swallowed: Rinse mouth and seek medical attention if necessary.

*See Technical Data Sheet for additional product details.*

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