



# Simple Application Instructions for Concrete Stain, Sealer, and Wax.

Revised  
12 / 2005  
ConcreteCamouflage.com  
800 650 1157

**ATTENTION:** Read and Observe all Product Labels, Especially all Warnings, Cautions, First Aid, Limited Warranty, and Condition of Sale Before Opening or Using. For dry concrete that is cured at least 28 days.

THESE PRODUCTS INTENDED FOR PROFESSIONAL USE ONLY, BY PROFESSIONALLY MINDED ADULTS, USING CAUTION AND OBSERVING SAFETY. Stain contains Diluted Muriatic Acid and the Sealer is Flammable.

**Keep all these, and all such products, Out Of The Reach Of Children.**

**Tape and cover.** Before you begin, it is time to tape off and cover the bottom of all walls, doors, and anything else that might possibly get stain or mop splatter on it. Protect vegetation as well. **Important:** Ensure you have an entry/exit point with a means to clean off or remove your shoes. ( To keep from tracking dirt in, or stain out.)

**Score the concrete.** If you intend to score a pattern into the concrete, you should do so before final cleaning. Scoring is just that. A slight 1/16" deep or less score in the concrete to replicate a mortared joint. If you cut the concrete deeper, then it will only collect dirt. You can use a skill saw or 4 1/2" grinder with a masonry or diamond blade. Measure your lines out, mark each end with a pencil, and then chalkline, using blue chalk. Never use red chalk as it stains the concrete. Use a straight edge of some sort ( 2"x 4" board, piece of angle iron, aluminum, etc.) Holding the straight edge firmly and the proper distance from the line to ensure the saw blade is on the line, carefully score away. As your saw blade will not go completely to the wall, you will need to score a border around the walls and take your pattern lines to the border. ( A helper is a good idea on this step.)

**Clean the concrete.** We recommend an overall cleaning using water mixed with T.S.P. ( tri sodium phosphate ) which is a strong detergent, followed by a good clean water rinse. But first, ensure the concrete is free from all contaminants. Strip any curing agents or waxes, remove any paints or glues, ensure there is no grease or oils. You should not use acids to clean. You can use citric cleaners, xylene, lacquer thinners, strippers and cleaners that do not contain a heavy alkali. Sanding the surface if needed is acceptable, whether by hand or with larger machines from rental stores. Once you have final cleaned the floor, it is time to make any patch repairs that may be needed. We recommend that you do not patch small cracks or imperfections as they add character to the floor, but you decide for yourself. ( Darker stains usually hide patches better.)

**Apply the Concrete Stain.** Shake well before use. Our Stain is designed to be used right out of the bottle with no mixing required. If you do desire to dilute the stain, use water. Use equal parts in your measurements to ensure you keep the color constant. When diluting, you may need to add very small amounts of muriatic acid to maintain the acidic strength. Apply the stain with an all plastic garden type pump up sprayer and/or an acid brush. If using the brush only, pour the stain in a bucket and dip the brush and apply, **but be careful!** Acid may splash onto you and surroundings. When using a sprayer, pour the acid into the sprayer and pump up. Spray or brush the stain on enough to saturate the concrete but not so much as to cause puddling. The acid brush can be used to even out puddles and move around the stain to ensure complete coverage along edges and overall, but the brush is not for scrubbing. The stain does not require scrubbing. Avoid excess brushing or brush marks could be left. Allow to Dry Completely. A residue will form which must be cleaned off with water. You can use mops, water hoses, and/or extremely soft bristle brooms to remove the residue. We recommend you clean once with water and ammonia at a ratio of 5 gallons water to 1 cup of ammonia, which will neutralize the stain, and then final clean with clean water only. **ATTENTION:** Before doing your entire job, we suggest trying it on a small out of the way area first. To ensure not only desired color and look, but also compatibility with your particular slab of concrete.

**Seal the surface.** Though you don't have to, we recommend you seal the surface. The concrete needs to be bone dry and free from acid residue. Do not pour sealer directly onto surface. Remove the pail's lid and dip paint roller, or use a paint pan. Apply the sealer with the paint roller in 2 generous coats. Generous means applying plenty to cover but not so much as to puddle or cause excessive build up, but more than if it were paint. Do not allow your roller to run dry as you are not trying to stretch out the product. Allow this product to cure for at least a day or two before applying wax or foot traffic. Minimum application temperature 45 degrees F. Avoid applying in extreme heat as bubbles may occur. Clean up tools and spills with Xylene, found at paint stores, or lacquer thinner. Do not use paint thinner. **Skip** to Grip Additive if for Exterior Use

**Wax the surface.( Interior )** Our wax is designed to be applied in thin film coats. (1-2 wet mils.) Use a lamb's wool applicator, synthetic wax applicator or sponge mop to apply. Dip your applicator, then wipe off excess using a paint pan. Apply in thin even coats in one direction. Work out pinholes and puddles. Allow to dry 1 hr between coats. We recommend 2 thin coats for the first application. Clean up your applicator with warm water. Allow to dry overnight before foot traffic.

**Add Grip Additive.( Exterior )** Add grip additive to sealer in pail and mix thoroughly with electric drill prior to sealing.

**Maintain your new surface. Interior:** Clean with water. You can use a mild detergent as needed. When the finish does start to dull or scuff, simply clean, allow to dry, and apply 1 fresh coat of wax, following directions above. Can be applied up to 100 times before need to strip. ( Strip with ammonia and water.)

**Exterior:** Clean with water hose or power washer. Use mild detergent as needed. Apply a fresh coat of sealer as needed.

**Statuary and masonry products.** Apply stain using all plastic sprayer or brush. Apply enough to saturate but not enough to run. **Please Be careful!** Statuary and some masonry products are better left unsealed. The sealer adds a shiny coat and these products look better in their natural flat look. Although you can use sealer if you desire this effect. Be sure to protect yourself and your surroundings, including vegetation, from stain splashes, drips, or spray drifts.

## Materials, Tools, and Supplies Needed.

\* = May possibly need.

Use **Concrete Camouflage** brand,  
**Concrete Stain** / Clear Shield™ **Concrete Sealer** / Top Shield™ **Wax** or Clear Grip™ **Traction Additive**.

### Supplies Needed to Protect Walls, Doors, etc.

- Tape & Plastic. We recommend the kind that has the blue tape already attached to the plastic, which is folded to about 4" wide. The plastic is about 24" tall and is unfolded upward after applying the tape at the bottom.

### Supplies Needed to Protect Yourself.

- Protective wear for yourself, including proper clothing, shoes, masks, goggles, gloves, and respiratory protection as needed. (NIOSH/MSHATC23C or equivalent.)
- Common Sense and a Safe and Unhurried Attitude.

### Supplies and Tools Needed to Score. ( You could use a helper or two here.)

- Tape Measure.
- Pencil.
- Chalk line w/ blue chalk.
- Extension Cord.
- 4 1/2" grinder or Skill saw with diamond blade.
- Straight edge to keep the saw or grinder straight.
- \*Square.

### Supplies and Tools Needed to Clean.

- \*Water Hose.
- T.S.P. and a 5 gallon bucket.
- Rags.
- Soft Bristle Push Broom, Mop, Bucket, and/or Wet Vacuum.
- \*Xylene, Citrus cleaners, strippers, mastic removers. ( Depending on extent of cleaning needed.)
- \*Scrub brushes.
- \*Scrapers.
- \*Kneepads.
- \*Sander, if the surface needs it.
- \*Concrete Patch material if needed.
- \*Concrete Trowel and rubbing stone if patching.

### Supplies and Tools Needed to Apply Concrete Stain.

- Small cheap 1 gallon all plastic pump up sprayer.
- \*Brush w/ handle. ( Very Soft bristle, like the ones at the carwash.)
- \*Paint brush
- \*Bucket or empty plastic ice cream bucket maybe.
- Rags or old towels for the entry/exit point. ( To keep from tracking dirt in or stain out.)
- \*Caution tape or warning signs to keep off.
- Brooms, Mops, and Buckets for cleaning residue.
- Ammonia to neutralize the stain. Mix 1 cup ammonia to 5 gallons of water. ( Or you can use T.S.P. and water.)

### Supplies and Tools Needed to Apply Clear Shield™ Concrete Sealer. ( How it looks when wet it is how it will look when sealed.)

- Roller cage w/ handle and covers. (Paint Rollers)
- Adequate Ventilation.
- No open flame or ignition source. This includes pilot lights from gas appliances such as heaters, stoves, etc.
- \*Sealer tint if desired. Only used for camouflaging a very bad slab.
- \*Electric drill w/ paint stirrer rod. ( If using grip additive)
- Paint pan ( If not using the 5 gallon pail.)

### Supplies and Tools Needed to Apply Top Shield™ Wax. ( How it looks when wet it is how it will look when waxed.)

- Lambs wool applicator (Recommended), or synthetic wax applicator, or sponge mop. w/ handle.
- Paint pan.