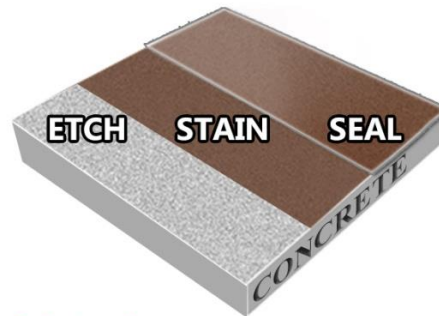


Instructions for Staining INTERIOR Concrete Floors

Note: Garage floors are considered an Exterior application, so please refer to those Instructions instead.

uDoIt Coatings' **Concrete Stain System**



For best results:

ETCH with **Eco Prep & Clean**

STAIN with **Concrete Stain**

SEAL with **Clear Acrylic Sealer**

- Step # 1** **Eco Prep & Clean** (clean/etch concrete)
Optional **Patch Kit** (if needed/desired)
- Step # 2** **Decorative Concrete Stain** (use one or multiple colors)
Optional **Accent Paint** (create borders or designs)
- Step # 3** **Clear Acrylic Sealer** (protects and seals concrete for years)
Optional **Protective Wax** (protective maintenance for interiors only)
Optional **Maintain Clean** (best maintenance cleanser for interiors)

NOTE: Many people *ONLY* use our Stains with success, but the concrete should be uniformly porous (etching is necessary if not.) **Clear Acrylic Sealer** keeps Stain protected for years. In general, all 3 steps are suggested for best results.

CONSIDERATIONS BEFORE STARTING

1. **GOOD CONDITION** - The concrete you will stain should be structurally-sound and not breaking apart or peeling. It should have been poured over an effective moisture-barrier system and should NOT show signs of moisture migration (such as damp-looking concrete or a white powdery residue on top.) If it does, do NOT stain concrete and address problem.
2. **NEW CONCRETE** - If concrete is new, wait at least 30 days before applying Stain/Sealer. Cold, damp/humid conditions can extend this time. It is safe to stain when concrete is a UNIFORM light color.

3. **POROUS SURFACE?** Concrete stains, in general, are NOT intended for extremely porous surfaces such as brick, block, or block pavers. Similarly, concrete stains do NOT perform well on extremely tight/nonporous surfaces such as granite, slate, river rock, or polymer-rich surfaces like some concrete countertops. ALWAYS test a Sample first.
4. **FLOORING TYPE** - If there is carpet on top of the concrete you'd like to stain, watch How-To Video #5 at www.uDoltCoatings.com, which covers removing it. Removing linoleum or outdoor carpeting is more difficult and beyond our scope. However, there is a natural stripping product that can be used, called Blue Bear Bean-E-Doo® Mastic Remover MR 500. It is available at many places such as Amazon. You can also use a solvent stripper, but this are much more dangerous to use! Do this at your own risk.
5. **PREVIOUSLY SEALED CONCRETE?** Find out by spraying WATER on it with spray bottle:
 - If water soaks in right away, there probably is no sealer present.
 - If water slowly soaks into concrete, then it is probably “tight concrete,” (true for most interiors) and *uDolt Coatings’* products should work well when properly prepared.
 - If water beads up (like on a newly waxed car) or puddles without soaking in, most likely there is a sealer.
 - Previously painted, stained, or sealed concrete is very unpredictable.
 - **Eco Prep & Clean** will NOT etch concrete once it is stained or sealed. It also will not work if the concrete was initially sprayed with a curing compound. Light grinding is suggested instead.
 - Stain and sealers will NOT adhere to polyurethane or epoxy coatings.
 - *uDolt Coatings’* products CAN bond to well-adhered, water-based acrylic products but it is a gamble. Use at own risk! Order a Sample first and do trial-area then wait several days/weeks. Do a “tape test” to make sure products adhere - google it for more info.
 - Remove old stains and sealers to ensure a proper bond. BUT in general, this is beyond the scope of *uDolt Coatings*.
 - Removal Option #1 – Grinder: use a less aggressive wheel to minimize grind-marks because they will often show up when stained. Then wet/dry vac area thoroughly to get all dust out of the pores of the concrete!
 - Removal Option #2 – Use a natural stripping product such as Blue Bear Soy Gel 600GL™. However, this process can be time-consuming and messy. Go to manufacturer’s website for more details (<http://www.franmar.com/consumer-products/removers.>) Solvent products can also be used, but they are much more dangerous.
6. **TIME OF YEAR** – Temperature of concrete needs to be at least 50° F and rising. Lower temperatures can freeze these water-based products, causing failure to bond. Ambient temperature should be at least 60° F and rising.
7. **WHEN TO START?** Realize that an “average” project can be done all in the same day, depending on size of project and weather conditions. Some considerations:
 - **TIMING** - **Eco Prep & Clean** and first coat of Stain (only) is applied to DAMP concrete, so a day of “dry-time” is NOT needed. Layers of Stain can dry quickly (depending on amount used and weather conditions.) As soon as you can walk on the project area (without being tacky) apply **Clear Acrylic Sealer**. However, feel free to spread the project out over several days, if desired.
 - **NO FOOT TRAFFIC** – After applying last coat of Sealer, do not walk on for at least 6 hours. Cold, damp/humid conditions can extend this time. Use extreme care the first 72 hours of curing.

- **WAIT FOR SEALER & WAX TO CURE** - Wait AT LEAST 4 FULL days (from last coat of **Clear Acrylic Sealer** and optional **Protective Wax**) to CAREFULLY place heavy items such as furniture. Cold/damp conditions can extend this time. Realize that dry-to-the-touch is much different than fully cured!
8. **REVIEW** – Carefully read ALL instructions, labels, Technical Data Sheets, and Safety Data Sheets (SDS) before using these products. Email us if you have any questions.
 9. **VIDEOS** - These Written Instructions are supported by detailed How-To Videos. Carefully watch ALL Videos before application.
 10. **GOOD VENTILATION** – These products are not harmful when used correctly. Always maintain excellent ventilation. If desired, wear a MSHA/NIOSH approved cartridge-type respirator.
 11. **CAUTION** - Even though these products are not toxic when used correctly, do not use these products around people with breathing problems or other health concerns such as asthma, COPD, or a sensitivity to fumes. If necessary, let project area “air out” for several days before returning. Contact us about concerns.
 12. **STAIN COLOR CHOICE** – While very light or very dark stain colors look great, realize that extra maintenance may be required. Dust (and other debris) can be very visible on very light or dark surfaces.
 13. **ORDER SAMPLE COLOR** – We absolutely suggest ordering a Sample of Stain color(s) to ensure you get the color just right. Unfortunately, there is no way to be sure about the color in photos due to differences in computer monitors, cameras, and lighting sources. We do not suggest using the Stain Sample on your actual project area, however, because you will not be able to etch concrete once Stain is applied.
 14. **NO REFUNDS** - Opened products CANNOT be returned for a refund.
-

SURFACE PREPARATION

Surface Preparation is extremely important! If Stain/Sealer fails to adhere to concrete, the concrete was most likely not properly prepared (or the condition of concrete was compromised.)

1. **SAFETY** - Wear clothes and shoes that can get dirty & stained. Make sure shoes stay clean for duration of application (so products don't track to other areas.) We STRONGLY suggest wearing dust mask/respirator, safety glasses, and gloves throughout ENTIRE application and mixing process.
2. **INITIALLY CLEAN** – Using a broom and/or wet/dry vacuum, clean the bare concrete.
3. **CARPET?** Want to stain concrete after removing carpet? How-To Video # 5 shows this process. Email us if you have questions. Remove the carpet by lifting edges to expose pad underneath. Cut carpet in sections for easier handling. Remove pad and tack strips (beware of nails and splintering wood.) Thoroughly remove debris with a broom and/or wet-dry vacuum.
4. **CARPET GLUE** - Remove carpet glue from concrete. For a light amount, use a scraper and natural mastic remover such as Blue Bear Bean-E-Doo® Mastic Remover 500 MR. You can use a solvent stripping product instead (like Goof Off®), but solvents are more dangerous to use. Methodically remove ALL glue but realize some glue will still remain in the pores of concrete.

- Since stains by nature are translucent (and not opaque), traces of glue may still be visible (even after the staining process.) So, a UNIFORM Stain Application is NOT suggested. Instead, do a MOTTLED effect and camouflage glue lines by building up layers of Stain.
 - To remove ALL traces of glue (or if there is a large amount, such as with outdoor carpet or linoleum), we suggest hiring a professional contractor, since a more aggressive method is needed.
5. BASEBOARDS - Decide if keeping or replacing baseboards. If getting new baseboards, it's a good idea to purchase taller ones, so that no wall-patching is needed. Watch How-To Video #5 for more info.
 6. PAINT ON CONCRETE? Often when houses are initially built, builders paint walls without masking off the concrete floors, which results in stripes of paint along the perimeter. If paint is on the concrete, removing it can be very difficult. Use Blue Bear Soy Gel 600GL™ or a solvent stripping agent. BUT the easiest solution is to simply paint a border around the edges using *uDolt Coatings' Accent Paint*. Watch How-To Video # 8 or # 9 (Uniform or Mottled Stain Effects) for details. *PAINTING A BORDER* Instructions are listed here after *STEP #2 – APPLYING DECORATIVE STAIN*.
 7. MASKING – An extremely important step! Protect EVERYTHING that will not get stained/sealed from over-spray with plenty of masking paper, tape, and plastic. Watch How-To Video #6 (Surface Prep) for details.
 - Meticulously mask off walls and doors. Use masking paper (not plastic) on vertical surfaces so Stain/Sealer will stick to it (instead of running down on concrete.) Expose paper to light amount of Stain, so there is no bleed-through.
 - Use masking tape on adjoining concrete (or other flooring) to protect from Stain and to provide a starting/stopping point.
 8. PROBLEM SPOTS? It is rare to have problem spots on interior concrete, but if needed, remove tar spots, stains, etc. with a scraper and use *uDolt Coatings' Degreaser and Stain Treatment*. Available in 1-gal size. Mist concrete with water, pour treatment directly on problem area and aggressively work in for several minutes with stiff-bristle brush. Rinse with fine-mist spray nozzle and use wet/dry vacuum so solution does not puddle. Large amounts of water are not necessary. View How-To Video # 6 (Surface Prep) for more details.
 9. MILDEW? Severe substrate mildew is rare on interiors, but if present, be aware that you probably have a leak of some kind, which should be fixed before staining or sealing the concrete.

STEP #1 – ECO PREP & CLEAN

ETCH/CLEAN CONCRETE - Concrete should now be free of dust, debris, and contaminants. Etch concrete using *uDolt Coatings' Eco Prep & Clean*, an environmentally friendly alternative to acid-etching. Available in a 1-gal. size. Larger sizes are not cheaper and are more difficult to handle and ship.

- For small jobs, use a clean spray bottle to apply **Eco Prep & Clean**. On large jobs, a NEW gallon sprayer works best (so there is no contamination.)
- Fill sprayer with WATER ONLY first and adjust so that it creates a fan - NOT a fine mist. Watch Video #6 for specifics. Empty sprayer and pour in **Eco Prep & Clean** while wearing disposable gloves and protective eyewear. Since gallon sprayers work best when full, use entire gallon of **Eco Prep & Clean** and pump to pressurize throughout application process. Open with care - contents under pressure.

- DAMPEN concrete first with water using a MIST spray nozzle/hose. Run garden hose through window, if desired/possible.
- Uniformly spray **Eco Prep & Clean** on DAMP concrete (to be stained ONLY.) Do NOT apply this product on dry concrete. Work your way backwards out of project area. For larger areas, apply to one section at a time, using joints in the concrete as a guide.
- Use a stiff-bristle broom/brush or floor machine to aggressively massage **Eco Prep & Clean** in EACH SECTION for a FULL 15 minutes. This is a must! Each section of concrete MUST be FULLY etched for Stain to uniformly penetrate. For large jobs, a floor/swing machine with a nylogrit brush is suggested. Be warned that these machines can be tricky to operate because you need to balance it as it spins.
- DO NOT LET THIS PRODUCT DRY. If it starts to, spray more **Eco Prep & Clean**. Do NOT spray with water.
- After brushing EACH SECTION, rinse with water and brush concrete again at same time. Stop regularly to remove etching solution with wet/dry vacuum so solution does not puddle - a second person is helpful. Continue until water runs clear. Large amounts of water are NOT necessary.
- Rinse off shoes.
- If correctly prepped, concrete should be clean, have a salt and pepper appearance and feel rough - similar to 120 grit sandpaper. Repeat using **Eco Prep & Clean** if needed.

PATCHING (optional)

If desired, fill pits and hydration cracks in concrete with *uDolt Coatings' Patch Kit*. Watch How-To Video #7 for details. Some people feel that imperfections only add more "character" to stained concrete. Realize some cracks may reappear even after patching. Also, patched areas may receive Stain differently than surrounding concrete. This material is NOT meant to fill expansion joints/saw cuts. Instead, leave joints open or fill them after sealing with specialty caulk, such as Titebond® Weathermaster™ Concrete Joint SL Sealant. Do NOT use cheap painters' caulk.

1. NO CAULK – The **Patch Kit** is a cementitious material, making patches less noticeable. If caulk is used (which we do NOT recommend), choose a paintable caulk.
2. CARPET REMOVED? Fill tack strip holes with this **Patch Kit** material.
3. INSIDE KIT – Contains approx. 30 oz. of liquid polymer and 5 lbs. of cementitious material.
4. COVERAGE – approx. 5 sq. ft. (at 1/4" deep.)
5. ESTIMATING – Divide to estimate deeper patches. For instance, for ½ inch depth (instead of ¼"), divide by 2 (covers approx. 2 ½ sq. ft.)
6. DEPTH – Fill no more than 1/4 inch at a time. For deeper patches, apply in layers and let dry. If hydration cracks appear, apply another thin layer of material and let dry.
7. APPLICATION – Apply patching material to clean/etched concrete (after *Step #1*). Concrete can be dry or damp but no standing water.

- Open **Patch Kit** and take out Liquid Polymer container. Brush thin coat on clean patch area.
- In a disposable container, mix liquid and powder together with approx. mixing ratio of 1-part liquid to 3-parts powder. Mix thoroughly until there are no lumps. Add more powder or polymer if needed to achieve a good, workable consistency. Refer to How-To “Patching” Video #7.
- Use a stir stick, putty knife or trowel to press patching material into concrete. For small holes (i.e. covering tack strip holes), use a gloved finger.
- Let patch dry (average of 30 minutes). Cold, damp/humid conditions can extend this time. Check patch regularly (about every 15 mins) and when it looks mottled (with light and dark areas,) scrape patch flat (make level with surrounding concrete) by using a clean, metal putty knife, trowel, or margin trowel. Do NOT wait until next day or grinding will be necessary.
- Immediately (and carefully) clean up loose material and let patch dry completely. Dry times vary, but average is one hour. It is safe to stain once entire patch is a light, uniform color (or next day.)

STEP #2 – APPLYING DECORATIVE CONCRETE STAIN

So far, the concrete has been thoroughly cleaned, etched, masked off, and patched (if needed.) Next apply **Decorative Concrete Stain**. Refer to How-To Video #8 and #9 for details.

1. **COLORS** - *uDolt Coatings’ Decorative Concrete Stain* is available in 19 standard colors – Antique (medium) Gray, Black, Charcoal (dark) Gray, Dark Walnut, Desert Trail, Diego Buff, Emerald, Ocean, Ochre, Orange, Sage, Sandy Beige, Plum, Roasted Pecan, Ruby, Rustic Red, Slate (light) Gray, Teal, and Terra Cotta. Use one color or several (USING LIGHTEST COLOR FIRST), letting each coat dry.
 - Realize that not all computer monitors are the same, so colors may appear different. Also, colors in pictures can look different due to lighting and camera differences. We strongly suggest ordering 4 oz. Stain Samples and testing offsite.
 - For Uniform Stain projects, most people choose only one color.
 - For a slightly Mottled Effect, pick one or two colors and lightly spraying Stain is fine. For a VERY mottled effect, most people pick two or three colors and build up layers of Stain using a small of Stain with a grout sponge. We do not suggest choosing more than three colors since colors can get “muddied.”
2. **SIZES** – Available in 4 oz Color Sample, ½ gal and 1-gal. containers. Larger sizes are not cheaper and are harder to handle and ship.
3. **DAMP CONCRETE** – The first layer of Stain is ALWAYS applied to DAMP concrete, so use Stain immediately after **Eco Prep & Clean**. Or...
4. **NEXT DAY** – If returning the next day, wet/lightly mist concrete before applying Stain, but GENTLY vacuum area first if needed. We cannot stress this enough! Contaminants like dust or hair will cause stains and sealers to lift. Tie up long hair for entire application process. Then wet/lightly mist concrete before applying Stain.
5. **WHICH APPLICATOR?** Depending on desired effect and personal preference, apply Stain with: a brush, a soft car wash brush, broom, sponge, rag, spray bottle or gallon sprayer. These should be clean and in good condition. Sprayers should be new, so that no cross-contamination occurs.

6. EMERGENCY CLEAN UP - Keep a clean rag and spray bottle filled with water close while staining. IMMEDIATELY spray and wipe spills/over-spray.
7. DON'T DRIP - Spray drips of Stain (even on project area) immediately with water to dissipate color. Since Stain is not opaque, often these "mistakes" cannot be completely hidden later.
8. ALL AT ONCE – Stain entire project all at once. If you must stop, feather edges by spraying with water before leaving. This helps "tie in" remaining Stain. On larger projects, stop at a joint in the concrete.
9. PRACTICE FIRST – Perfect your technique off-site or start in a less conspicuous area, such as a closet or where large furniture will be placed.
10. SECTIONS – Work in small sections and keep edges damp. Keep stain bucket close to work area.
11. THIN COATS – Do NOT let Stain pool. This is especially important if spraying Stain. Use a light mist and build up layers. If Stain pools, spread Stain out immediately or soak up with rag/paper towel if needed (and use less Stain moving forward.)
12. WAIT BETWEEN LAYERS – Do another layer once Stain is dry-to-the-touch and not tacky to walk on. Dry times vary, but average is one hour.
13. LIKE THE COLOR? Continue staining until desired/effect is achieved and then seal.
14. WHICH STAIN EFFECT? Do you want a **UNIFORM** coverage of Stain or a **MOTTLED** effect? Refer to *uDolt Coatings' GALLERY* if needed. UNIFORM stain shows no color variation at all, while a MOTTLED effect has light and dark areas throughout.
 - There are varying degrees of Mottling. Some people like A LOT of mottling with prominent contrast and possibly splotches, veining, and variegation of color. This often mimics acid stains, as indicated in How-To Video #9. This may mean sponging in Stain instead of spraying.
 - Some people like only SLIGHT mottling, and this can often be achieved by spraying Stain with two different colors simultaneously - or only one color with randomly spraying layers.
 - The Mottled technique is suggested for "imperfect" concrete or to camouflage carpet glue lines.
 - A Mottled effect can be easier to maintain since light and dark areas can help hide dust and dirt.
 - Mottled and Uniform application instructions vary. For a MOTTLED Stain Effect, skip the next section, *Uniform Coverage of Stain*.

Option #1 - UNIFORM COVERAGE OF STAIN

With this coloring method, the concrete itself will appear to be this color (producing an integral-color effect.) There will be no real variation in color, so there will be no lighter or darker spots. Watch How-To Video #8 to see this process.

1. BEST APPLICATOR - Use a soft 8-10 inch car wash brush, since this will allow you to easily stick the brush in a 3 or 5-gallon bucket. This type of brush has super-absorbent bristles. Use a 3-inch brush for edge work. In general, it is difficult to attain true uniformity with sprayers. They should be only considered on large projects and use great care – do not let Stain puddle. Use a VERY light mist and do several passes in opposite directions.
2. JAZZ IT UP - Create patterns by using two or more Stain colors on different sections of the project. See our Gallery at www.uDoltCoatings.com for ideas.
3. PROCEDURE – Thoroughly shake and pour **Decorative Concrete Stain** into clean 3 or 5-gallon pail.

- Mist concrete with clean water if not already damp. On large jobs, use control joints as a guide and mist sections before staining.
- Dip car wash brush in bucket and gently drag across DAMP concrete. Use an easy back-and-forth motion with long strokes to ensure an even layer of Stain, which will naturally flow into pores of concrete. Watch How-To Video # 8 to see this technique.
- Stain may appear “streaky”, which is normal, and will dry streak free as long as concrete was damp and brush technique was carefully followed.
- Use small brush or sponge to apply Stain into joints and edges AS YOU GO. For vertical surfaces, use less Stain and work into concrete, since Stain tends to run.
- After Stain is dry and not tacky to walk on, apply more Stain. Do NOT mist concrete with water (only necessary on first coat of Stain.) Apply 2nd layer opposite of 1st (i.e. 1st coat north/south – 2nd east/west.) Additional layers of Stain can be applied, if necessary, once previous coat is dry. No need to dampen.
- Once desired color is achieved and dry, go to optional *Painting a Border* or *STEP #3 – Sealing* (skip *Option #2 - Mottled Stain Effect* below.)

Option #2 - MOTTLED STAIN EFFECT

1. ESTIMATING – Use approx. 1 gal. for 300 sq. ft. Coverage rates vary greatly, depending on many different factors. Many people purchase half the amount of highlight color (so ½ gal. of highlight color to every 1 gal. of prominent color), but feel free to customize.
2. APPLY LIGHTEST COLOR FIRST - We do NOT suggest using a light color over a darker one, because it usually produces an undesired effect; some describe it as looking like dried milk.
3. WHICH TECHNIQUE? A Mottled effect can be achieved in two ways. Option #1 is to spray Stain. This is the fastest technique and best for large projects - but be careful not to spray too much Stain. Letting it puddle produces an undesired effect. Option #2 is to build up layers by hand using a grout sponge. This technique enables you to achieve a VERY mottled effect since there is more control. Watch How-To Video #9 for details.

MOTTLED TECHNIQUE #1 – SPRAY

- Spraying Stain is the quickest technique, but a layered, acid-stain effect is rarely achieved. Instead, the mottling effect will be slight.
- Spray bottles work for small projects and gallon sprayers for large areas.
- Lightly mist two (or more colors) in small alternating sections at the same time on DAMP concrete, but do NOT let Stain pool - wipe up with clean rag/paper towel.
- Spray spots immediately with water (in a spray bottle) if a “leopard print” pattern is not desired.
- Spray multiple layers of Stain, if desired. Let previous coat dry completely. It should not be tacky to walk on.
- Once desired color is achieved (and dry), go to optional *Painting a Border* and/or *STEP #3 – Sealing*. (Skip *Mottled Technique #2 with a Sponge* below.)

MOTTLED TECHNIQUE #2 – GROUT SPONGE

- For a HIGHLY mottled effect (mimicking acid-stain), build up layers of Stain. A grout sponge and/or rag work best. For quicker application, use a soft car wash brush for the first coat of Stain, as seen in *Uniform Application of Stain* (How-To Video #8.)
- Mist concrete - DAMP concrete keeps Stain from streaking. Apply LIGHTEST COLOR FIRST.
- Use smaller amounts of Stain because making the project darker is easy (just apply more Stain later.) Making it lighter is nearly impossible.
- Let first coat dry so it is not tacky to walk on. Dry times vary with weather conditions, but average is one hour.
- Using a grout sponge or rag, randomly apply a darker Stain color. Do NOT dampen concrete first (only necessary on initial coat of Stain) and let dry.
- Build up layers of Stain until desired effect is achieved. On the Mottled How-To Video #9, the homeowners randomly sponged on very small amounts of Stain many times (5 layers.)
- Once desired Stain effect is achieved, go to optional *Painting a Border* and/or *STEP #3 – Sealing*.

PAINTING A BORDER? (optional)

Some people like to add borders or designs on their stained concrete. Feel free to do this once the staining is complete and it is safe to walk on without being tacky (usually the next day.)

1. COLORS - Apply *uDolt Coatings' Accent Paint*, which is available in 7 standard colors (pint size): Black, Brick, Canyon, Cocoa, Espresso, Gray, and Sand. One pint covers approx. 100 linear ft. (4" border, accounts for 2 coats.) We STRONGLY suggest initially ordering a Sample Size (4 oz.) to test color.
2. Make sure the concrete you will paint has a layer of Stain on it, since Stain acts as a primer. Do NOT apply this paint directly on bare concrete, since it could flake off.
3. Apply **Accent Paint** with a small brush and/or roller as seen on How-To Videos #8 and #9.
4. To achieve a straight Border, it is best to carefully measure out from the wall and draw a line with a pencil. Using **Accent Paint**, brush or roll the border free hand. Why? Because tape can pull off uncured Stain (curing takes at least 72 hours.)
 - Some tapes claim to work well for this type of application. Feel free to experiment but use extreme caution and test an area first.
 - Be aware that not all walls or concrete slabs are square, so "cheat" lines for a better appearance, if necessary.
5. Feel free to make custom, curvy, or flowery borders and/or special designs on Stain using **Accent Paint**.
6. When Stain (and optional borders/designs) are completely dry, proceed to *Step #3 – Sealing*.

STEP #3 – SEAL WITH CLEAR ACRYLIC SEALER

Apply **Clear Acrylic Sealer** after Stain is dry, which averages about an hour (or apply next day or days later. This sealer does NOT have a recoat window like some sealers.) The Stain should be dry to the touch and not tacky to walk on before proceeding.

NOTE: This sealer is a very high-quality ACRYLIC Sealer. For projects that have a lot of exposure to grease, hot tires, or scaping metal, we suggest adding a compatible polyurethane sealer (we do not have one.) Contact us if you need assistance.

The surface must be COMPLETELY free of dust and debris. GENTLY vacuum with wet/dry vacuum before sealing if needed. We cannot stress this enough! Contaminants such as dust and hair can cause Sealer to lift later. Tie up long hair during application process.

Work meticulously backwards out of project area, keeping a wet edge. Do NOT pour Sealer directly on concrete and do not allow it to puddle. Do not worry about the milky appearance of Sealer since it dries clear (when applied correctly.)

NOTE: In the How-To Video, the homeowner pulled off all masking paper and tape BEFORE sealer was applied. However, it is best to leave all masking until the project is finished and completely dry before removing.

1. COVERAGE – One gal. covers approx. 200 sq. ft. (for two coats.) Coverage rates vary.
2. SIZE - Available in 1-gal size. Larger sizes are not cheaper and are harder to handle and ship.
3. APPLICATION - Gently shake Sealer and pour into a clean paint tray or 3 (or 5) gal bucket.
 - **NOTE** – If adding **Grip** to last coat of Sealer (only), use bucket instead of paint tray.
 - **Warning** – We STRONGLY suggest using **Grip** on every project, since it makes floors less slippery. For the most part, **Grip** is not visible and is not harder to mop. It also reduces the sheen (increase shine by maintaining with **Protective Wax**.) Test an area first, if needed.
 - Using a 3/8" roller cover, dip and roll out a thin layer of Sealer on clean, dry, stained concrete.
 - Brush in edges and joints with a 3-inch brush AS YOU GO (not before or after rolling.) A second person is helpful.
 - If project area has control joints, use them as a guide and apply Sealer to only one section at a time.
 - Apply 2nd coat after 1st is dry and not tacky to walk on (at least 3 HOURS.) Cold/humid conditions extend this time. Follow same basic application instructions as previously described.
 - Apply 2nd coat in the opposite direction of the 1st (i.e. 1st coat - north/south, 2nd coat - east/west.)
 - Add *uDolt Coatings' Grip* to this last coat of Sealer. Pour **Clear Acrylic Sealer** into a clean, empty 3 or 5-gal. bucket and mix with stir stick. Pour ONE **Grip** packet into EACH GALLON of **Clear Acrylic Sealer** WHILE MIXING. If using a partial gallon, portion **Grip** out accordingly (i.e. ½ **Grip** packet to ½ gal. of Sealer.)
 - Since **Grip** tends to settle, churn roller cover in bucket EVERY time during application to prevent clumping. Watch How-To Video #10 for more details.
 - If over time, you become dissatisfied with the amount of slip resistance, simply reapply another coat of **Clear Acrylic Sealer** with **Grip**. Contact us if needed.
4. SET UP A BARRICADE – Use caution tape, if necessary, so that no one walks on the project area for AT LEAST 6 hours. Cold/humid conditions extend this time.

AFTER SEALING

After the last coat of Sealer is completely dry and safe to walk on, CAREFULLY clean up the project area by removing all masking paper, tape and plastic. Use EXTREME care for AT LEAST the first 72 hours. Do NOT use water, cleansers, or **Protective Wax**. Realize that the Sealer will be “tender” and can easily get damaged until it is fully cured. Do not allow heavy traffic, furniture, or items being dragged across the floor.

If installing new baseboards, wait until Sealer is fully cured – waiting longer is better. Use extreme care during installation.

If desired, fill joints in concrete with a specialty caulk, such as Titebond® Weathermaster™ Concrete Joint SL Sealant. Follow caulk instructions. Regular painters’ caulk is NOT meant for this application.

PROTECTIVE WAX (optional)

1. THE SECRET – Applying *uDolt Coatings’ Protective Wax* is optional, but it is the secret to keeping your project beautiful for years, because it provides a glossy “sacrificial” layer that guards against scuffs, scratches and wear patterns. This is the case for ALL sealers, including polyurethanes.
 - Do NOT use readily available, cheaper versions of wax. These are inferior products and can damage and discolor even the best of stains and sealers.
2. WAIT – Wait at least 72 hours (from the last coat of Sealer) to apply.
3. THREE COATS - For best results, initially apply three coats of **Protective Wax**.
4. PACKAGING – Available in 1-gallons.
5. COVERAGE RATE – Approx. 1200 sq. ft. per gal. So, for the initial coat of wax, it will cover approx. 400 sq. ft. (accounts for 3 coats.)
6. INTERIORS ONLY - **Protective Wax** is NOT intended for exterior or garage floor applications.
7. INITIAL APPLICATION - Dust and mop floor with a neutral cleanser such as *uDolt Coatings’ Maintain Clean*.
 - After the floor is dry, spray an even layer of undiluted **Protective Wax** with a spray bottle. Buff until all liquid disappears using a DAMP terry cloth or microfiber mop.
 - Spray in small 10 sq. ft. sections, working backwards out of room and let dry 30 minutes. Repeat process until three coats of **Protective Wax** are applied.
 - Wait at least 24 hours (from the last coat of Wax) before CAREFULLY placing (do not drag) heavy items, such as furniture, on project area.

MAINTENANCE

CLEAN - To maintain your interior stained concrete floors, use a neutral cleanser such as *uDolt Coatings’ Maintain Clean*. This is a non-toxic cleaner that is tough on grime yet pH balanced so it is safe to use. Other inferior cleaning products can cloud the surface and be too harsh chemically, slowly breaking down even the best of industrial-grade sealers.

DILUTION – Measure 1 oz. of **Maintain Clean** and add to 16 oz. of COLD TAP WATER in industrial-size spray bottle. Shake to mix well.

INSTRUCTIONS - Lightly dust or vacuum floor to remove all debris. Spray diluted **Maintain Clean** in sections and mop up with back-and-forth motion using a DAMP microfiber mop. Store in spray bottle, if desired.

WAX - Reapply *uDolt Coatings'* commercial-grade **Protective Wax** on a regular basis – anywhere from 4-12 times per year, depending on use. This Wax serves as a sacrificial layer on top of the Sealer, so that it is less likely to get scuffed and scratched over the years. It also revitalizes the gloss.

STRIP - Eventually floors should be stripped of built-up wax, but this can take years. When it is time, the floor will have a dull, cloudy appearance. Contact us for details.

RESEAL - Reseal your project as needed. The average reseal time for **Clear Acrylic Sealer** is every 2-3 years, but this can vary greatly, depending on sun, water, and traffic expose. Email us for *Reapplication Instructions*.

Now U Can Do It - with uDolt Coatings. And if you have any questions, we are just a click away.

