

## Liquid Release

### DESCRIPTION:

Concreation Liquid Release Agent is a special formulation used to spray over the Concreation Polymer Concrete 1/4" Stamping applications and regular concrete, prior to stamping to prevent the patterned stamps or texture skins from sticking to the surface. It can also be mixed with Antique Release Powders in various colors to antique stamped concrete applications during the stamping process. When used for antiquing, the surface must be rinsed with water the next day to remove any loose antique powder residue prior to sealcoating.

### APPLICATION INSTRUCTIONS:

Once the Concreation 1/4" Stamping Mix or regular concrete is cured to the point where it is ready to stamp, start by spraying a section of the surface [approx. 5 sq. ft. at a time] with the Concreation Liquid Release Agent where you wish to begin stamping. Spray the liquid release agent at a coverage rate of 250-300 sq. ft. per gallon to completely cover the surface in a thin, even coat using a pump-up sprayer.

After spraying a section of the surface spray the textured side of the stamps one time with the liquid release agent before laying them on the surface. Immediately place the first stamp over the liquid release agent and square with the starting edge or corner. Use the handles on the stamp to carefully set it in place. While standing on the first stamp lay the second stamp next to it and so on until all of the stamps are fit tightly together over the stamping material and liquid release agent.

Once the stamps are in place, use your feet and /or the stamp pounder to walk or pound on the stamps to leave the desired impression. If the stamping material is soft you may not need the pounder, simply walk on the stamps with your feet.

### Advantages Over Powder Release Agent

Powder release agents are messy to work with and get all over the person throwing them and all over the job site.

The Concreation Liquid Release Agent is very clean to work with and can be used indoors or outdoors without leaving a mess. When the liquid release agent is mixed with the powder release agents for antiquing, there is no loose powder to blow in the wind or sweep up the next day. When the surface is rinsed prior to sealing, very little color rinses off so the rinse water remains practically clear.

When stamping with the powder release agent it is easier to leave bald spots since you cannot see what you are stamping. The liquid release allows you to see the impression each stamp is making so any touch-ups can be made before it is too late.

### WARNING!

The Liquid Release has a bubble gum smell but is combustible and should be kept away from open flames. Turn out all pilot lights when working indoors. Wear the proper breathing mask and use with adequate ventilation. For professional use only!

Before moving a stamp stand on one end while lifting the other end halfway off the surface to check for any bald areas. If necessary lay the stamp back down and pound agent using your feet or the pounder where needed.

After achieving the desired impression, lift each stamp straight up off the surface and move to the next area. Continue spraying the liquid release agent ahead of the stamps a section at a time and moving stamps until the entire surface is completed.

## **ANTIQUING USING LIQUID RELEASE AGENT AND ANTIQUE POWDER**

To use the liquid release agent for antiquing, mix 2-4 ounces of powder antique release agent, in the color desired, to one gallon of the liquid release agent [Antique Powder Release Agents are available through Concreation in 25 standard colors, see price list and color chart]. Spray the colored liquid release agent over the surface the same way as the clear. After stamping a section, lift each stamp off of the surface and then spray more colored liquid release agent over the freshly stamped area to allow it to puddle in the low areas of the texture. Once you achieve the antique look desired, move on to the next area. It is important to achieve a uniform antique look over the entire surface since how it looks wet while you are stamping will be how it looks the next day when sealed. As the stamped concrete dries and the liquid release evaporates and dries, the colors of the stamped concrete and the antiquing will fade lighter, but when sealed with the stamped concrete sealer the colors will come back closer to how they looked wet. Always practice on a sample board to perfect the look you want before doing a job. The next day after the surface has been stamped, it is important to rinse any loose antiquing off the surface using water only. For out door jobs use a pressure washer. For indoor jobs use a water hose, soft bristled broom and a wet dry vacuum. Allow the surface to dry before sealing with Stamped concrete Sealer.

## **REMOVING THE ANTIQUE COLOR WHERE TOO HEAVY OR UNEVEN**

If the antiquing color was applied to heavy or uneven, it can be removed using simple green detergent and a scrub brush. Try diluting the simple green w/ 5-10 parts water and scrubbing the surface to remove the unwanted antique color. Pressure wash the surface to clean and rinse. For some areas you may need to use simple green undiluted.

## **USING THE STAMPED CONCRETE SEALER AND LIQUID RELEASE TO FIX COLOR PROBLEMS**

Once the surface is cleaned and dry, look to see if the antiquing and the coloring of the stamping application looks even before applying the Stamped Concrete Sealer. If everything looks good you can proceed with the first coat of Stamped Concrete Sealer diluted 1 to 1 w/ acetone or lacquer thinner [where local laws permit]. If the color of the surface or the antiquing looks uneven or too light it can be fixed by using the Concreation Stamped Concrete Sealer and the Concreation Liquid Release

Agent. For coloring problems, the first step is to apply the Concreation Stamped Concrete Sealer diluted 1 to 1 w/ lacquer thinner or acetone [where local laws permit] over the entire surface. This prime coat of the Stamped Concrete Sealer will be the first coat of sealer and can be applied clear or in a color to help correct and uneven color problem.

To color the Stamped Concrete Sealer, mix it 1 to 1 with lacquer thinner or acetone where local laws permit. Mix one gallon of this mixture with approximately 4-8 ounces of antique powder to create a transparent colored stain in the same color as the stamped concrete. For example, if you mixed the stamping mix to a Mojave Sand color using the Integral Color Pigments, you would want to make your Stamped Concrete Sealer a Mojave Sand color by mixing the Mojave Sand Antique Powder into the sealer. [Note: Some Antique Powder colors may be too dark when mixed with the sealer and can be lightened by using Shell White Antique Powder. Lacquer based liquid color pigments will be available in the near future for this application].

Spray the colored Stamped Concrete sealer over the surface using a good quality, solvent resistant pump-up sprayer or an airless sprayer to achieve a thin, even coat. It is best when adding color to the Stamped Concrete Sealer to make it a transparent color [2-4 oz. of antique powder per gallon] so some of the base color of the stamped concrete and the antiquing applied with the liquid release will show through. This will create a subtle modeling or antique look that will add to the final antiquing applied later with the Liquid Release Agent. Practice on a small area or on a sample board to get the look desired before doing the entire job. The stamped Concrete Sealer works the best when applied during the cool part of the day. It is not recommended to apply in the hot sun or in windy conditions. After the Stamped Concrete Sealer dries within 30 minutes to 1 hour, a second coat can be applied if more color is needed or the antiquing application can begin using the Concreation Liquid Release Agent.

## **ANTIQUING OVER THE STAMPED CONCRETE SEALER WITH THE LIQUID RELEASE AGENT**

When the Stamped Concrete Sealer (clear or colored) is dry to touch, more antiquing color can be applied if desired using the Concreation Liquid Release Agent and the Antiquing Powder colors [or lacquer based liquid pigments]. Mix the Antique Powder color desired into the Liquid Release Agent at a ratio of 1-4 oz. of Antique Power to 1 gallon of Liquid Release. Spray the colored Liquid Release Agent over the Stamped Concrete Sealer to achieve the antique look desired. Spray using a good quality, chemical resistant, pump-up sprayer, or an airless, the same way you sprayed the colored liquid release agent during the stamping process. Allow it to puddle in the low areas of the texture to achieve the antique look desired. Always do a small test area had have it approved by the customer before doing the entire job. Allow the Liquid Release antiquing to dry to touch [2-4 hours] before applying the next coat of Stamped Concrete Sealer. If desired more than one antique color can be applied with the Liquid Release or you can spot spray colors in different areas to achieve creative coloring effects.

## **APPLY FINAL COATS OF STAMPED CONCRETE SEALER**

Once the color of the 1/4" Stamping application and the antiquing with the Liquid Release Agent looks good, apply another coat of Stamped Concrete Sealer mixed 1 to 1 with lacquer thinner or acetone [where local laws permit], to bond the loose antique powder to the surface. For the final sealcoat, apply one or two undiluted coats of Stamped Concrete Sealer or for the highest gloss and most durable finish, apply one or two coats of Concreation Acrylic Urethane diluted 10% with M.E.K..