

SureCrete Design Products

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Stamped Concrete



Stamped Concrete - This system turns freshly placed concrete flatwork into an aesthetically pleasing pavement. The concrete is poured, placed, colored and stamped with a texturing tool. There are a multitude of natural looking choices for interior and exterior, residential and commercial, applications. There are NO temperature or Freeze Thaw restraints.

Products Available

- Integral Color - 20 standard colors available.
- Color Hardener - 30 standard colors available.
- Powder Release - 30 standard colors available.

STAMPED CONCRETE INSTALLATION

- 1. Forming:** Install formwork the same as any other concrete pour. Drive the stakes even or below the top of the formwork and make sure the formwork is square, especially for a square pattern.
- 2. Prep Work:** Protect all surrounding areas with plastic, (ie. walls, shrubs, fences, etc.) Note: If using integral coloring in the truck, throw (1) SureCrete custom blended (By Sack mix) biodegradable bag per yard in the truck and follow approved mixing practices. (Step (4) is now optional)
- 3. Pour Concrete:** Pour, screed and float the same as any other concrete pour.
- 4. Color Hardener:** Roll the unopened Color Hardener bucket on its side. (Open and break any clumps by hand.) Broadcast the Color Hardener evenly on the surface without leaving any piles. (Broadcast about 75% of the Color.) Once the bleed water ceases and the color fully wets up. (Darkens up.) Use a wood, or mag float to work the color into the surface & edge it. Apply a 2nd coat of C/H, filling in any uncolored areas. When it wets up, float it in & edge it. Finish trowel or Fresno the surface to remove any low areas or trowel marks.
- 5. Release:** Apply a thin even coat of Powder Release, using the same broadcast method as the C/H. (You can also use a masons brush) Only apply approximately (2) rows ahead of stamping. (Never trowel release.)
- 6. Stamping:** Place stamp tools on the areas with release powder and walk them in until full texture is achieved (Use an impact tool "tamper" when necessary.) Continue running stamps, by lifting the earliest stamp placed and setting it in sequence. (Always stamp with a tool against a tool before moving) If the desired texture is not achieved, reset the stamp in the same position, and apply proper pressure. Use flexible stamps, & touch up mats against walls & columns. Avoid creating a vacuum when lifting tools by curling in the corners or edges of tools while lifting. Periodically check stamp alignment & adjust if necessary.
- 7. Detailing:** After lifting tools use a chisel, S-tool or grout-wheel to fix any material that has squeezed up between stamps, or to continue any grout lines. Use the touch up mats where texture is lacking.
- 8. Washing off & Saw Cuts:** Wash off the excess release the following day with a garden hose. (During cooler weather wait longer for the concrete to cure.) Normally concrete decides where it is going to crack the 1st 12-24 hours after the pour. Cut your control joints in ASAP ¼ the depth of the slab. (Maintain common concrete practices) Use a hand Grinder or chisel to touch up any grout lines, or squeeze joints not fixed during the stamp process.
- 9. SCR Wash :** (one too? Days later depending on temperature) Mix 1 part SCR to 5 parts water & spray the solution with an acid resistant pump sprayer. Scrub the slab with a broom (Your goal should be to get the heavy release off the tops of the stones, slates etc., areas where foot traffic would touch) Rinse thoroughly (Do not allow SCR to dry on surface) & try to achieve even color throughout the job. Repeat if necessary. (Release powder can be a bond breaker for the seal & should only be left in the recessed areas)
- 10. Release & Seal:** When the surface is fully dried, use a paint brush, (cut down to a stiff bristle) to rub dry release powder, into any joints that need contrasting color. With a high velocity leaf blower, (preferably electric) blow off the extra release. Use a solvent resistant roller cover to seal the surface with one thin coat of SureCrete Clear Seal. Apply a second (thin coat) if needed. SureGrip can be added to the top coat of clear seal to help with a non slip surface.