

SPECIAL EFFECTS THROUGH APPLICATION

Sim-Stain can be applied by a wide variety of methods. It can be sprayed in a fine mist or coarse spray, over the entire surface or selected areas. A cotton mop can be used to cover the entire area or dipped in Sim-Stain and then “blotted” on the surface. A second, third or fourth color of Sim-Stain can be added as highlights or accents using a rag, mop, sea sponge, or random strokes with the sprayer.

It is recommended to apply the lighter colors first, then the darker colors. Yellow does not show strongly over black. Typically, the first application can be made with a sprayer, a pump-up or airless sprayer will work. Observe the areas being treated while spraying. In areas with high absorbency, additional coverage with Sim-Stain at this point will provide richer coloration.

After the initial, full cover application the applicator may want to continue with additional applications of either the same color or an entirely different color. It is another benefit of Sim-Stain that the color of the material in the container is roughly the color produced when used. For instance, if Red is applied over Yellow, there will be areas that are Yellow, some Red and others will be various shades of orange and rust.



After the final look and color are achieved, L&M Industries, LLC highly recommends the use of a clear concrete sealer. A solvent or water based clear sealer is acceptable, but where permitted, the solvent based sealer proves more durable. The sealer can be applied as soon as the surface has dried. Blot with a white cloth to check. Then follow the manufacturer's guidelines for the application of the clear sealer.

The application of the clear sealer will greatly enhance the look AND durability of the completed job. With the application of a clear sealer, the richness and depth of color vastly improves. NOTE: Sim-Stain is NOT a sealer or curing agent. Sim-Stain is a colorant ONLY.

ATTENTION: It is advised not to apply Sim-Stain with a roller or a brush because these could leave undesirable “straight lines.” It is also very important to avoid excessive puddling as the application proceeds. Areas that “puddle” may be of low porosity and therefore not absorbing the Sim-Stain. Low porosity could interfere with the adherence of the sealer. These areas need to be prepped (acid etching or sanded), or should have a minimal amount of Sim-Stain applied.

COVERAGE RATE: Typical results of 220-230 square feet per gallon. Coverage can range from 180 square feet per gallon to 300 square feet per gallon. Surface conditions of the concrete and desired results will greatly affect coverage rates.

LIMITATIONS AND WARRANTY DISCLAIMER: The Sim-Stain Colors shown in the color selection guide and elsewhere, are general representations of the colors and effects obtainable using L&M Industries, LLC Sim-Stain. The color selection guide shows Sim-Stain applied over dark grey, uncolored concrete and concrete substrates treated with application(s) of White Sim-Stain to a white finish. Sim-Stain produces unique effects and/or colors to each individual concrete substrate and may differ substantially from any representation provided. The final color and range is affected by many factors including, but not limited to, application methods and conditions, finishing practices, initial mix design and slump of the substrate when placed, surface porosity, the age and condition of the concrete, degree and type of preparation work. There is always a degree of uncertainty and unpredictability inherent in the use and final appearance of L&M's Sim-Stain. Since L&M Industries, LLC has no control over the use of Sim-Stain or job site conditions where Sim-Stain is used, no warranty is stated or implied. It is strongly advised to test the acceptability of Sim-Stain in an inconspicuous area before extended application. Refer to additional Instructions available from L&M Industries, LLC or our distributors.

L & M
INDUSTRIES, LLC

SIM STAIN SIMULATED ACID STAIN



- ◆ SIM STAIN CONCRETE STAIN IS AN EXCITING ENVIRONMENTALLY SAFE ALTERNATIVE TO REACTIVE STAINS THAT IS NON-HAZARDOUS. IT IS A WATER BASED ENVIRONMENTALLY SAFE **GREEN** PRODUCT WITH LOW VOC CONTENT.
- ◆ SIM STAIN PENETRATES THE PORES OF CEMENTITIOUS PRODUCTS PROVIDING THE MULTI-HUED, VARIEGATED, MOTTLED LOOK OF NATURAL STONE WITH IMMEDIATE COLOR.
- ◆ NO CLEANUP OR NEUTRALIZATION NEEDED.
- ◆ SIM STAIN CAN ALSO BE USED WITH REACTIVE STAINS, AFTER NEUTRALIZATION TO CORRECT COLOR PROBLEMS.
- ◆ SIM STAIN IS UV RESISTANT AND CAN BE USED ON INTERIOR OR EXTERIOR APPLICATIONS. SIM STAIN COLOR MAY BE BUILT UP WITH OVER 27 COLORS TO CHOOSE FROM THAT CAN BE MIXED FREELY FOR FURTHER COLOR VARIANCE. IT PRODUCES A DISTINCTIVE, PERMANENT COLOR THAT WILL NOT PEEL, FLAKE OR FADE.

L&M INDUSTRIES, LLC

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COLOR SELECTION GUIDE

OVER GREY

OVER WHITE

OVER GREY

OVER WHITE



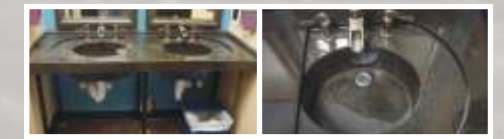
Sim-Stain is an exciting alternative to typical chemical stains (acid based). L&M Industries, LLC has developed Sim-Stain to be much more user friendly than other types of concrete stains. Sim-Stain provides color by penetrating the surface of the concrete through the open pores that exist in concrete. (i.e. porosity) There is no chemical reaction that requires extended amounts of time for the color to develop.

The choice of Sim-Stain colors is broader than other product lines. The chart at left shows the range of L&M's stock product line. An aspect of Sim-Stain that helps to set it apart is the option of using white. The white Sim-Stain can be applied as an initial color, and then additional colors can be applied over the white, thus producing stronger, brighter colors.

L&M Industries, LLC offers pastel color shades by incorporating the white as a base in several colors. The end user also has the option of creating their own color by tinting Sim-Stain White with other Sim-Stain Colors or one can "lighten" a color by adding white. Be sure to keep a record of what "formulation" was used so that it can be reproduced later.

Also, L&M's Sim-Stain offers the capability of a "true" black. Many other stains only approximate true black. By using Sim-Stain Black or Accent Black, the applicator can add a marbled effect.

Another improvement of the Sim-Stain product line is that our Blue and Green STAY Blue or Green. Most acid or chemical stains that are of a blue or green shade will darken, to almost black, when exposed to water or excessive moisture.



NOTE: "OVER GREY" IS SIM-STAIN APPLIED OVER PLAIN GREY CONCRETE. "OVER WHITE" IS SIM-STAIN APPLIED OVER L&M INDUSTRIES, LLC'S WHITE SIM-STAIN. RESULTS MAY VARY.