



MiraStamp LR

Product Technical Data Sheet

Miracote MiraStamp LR is the best product available to facilitate imprinting operations in concrete, thin stamp overlay systems and micro overlay systems. It provides a dual function, working as both lubricating and parting agents, to protect impression-texturing tools and the value invested in decorative substrate materials. ML prevents tools from sticking to polymer cementitious overlay

surfaces and concrete. MiraStamp LR will prolong the life of the impression tool after the tool is worked into the substrate. It is specially formulated to work with many high-grade chemical resistant pump sprayers.

WHERE TO USE

MiraStamp LR is specially formulated to work with Miracote MiraStamp, Miracote MT and Colored Concrete imprinting systems. Advanced application technique of adding dry pigment to Liquid Release is easily facilitated.

ADVANTAGES

- Dual functionality: lubrication and release
- Facilitates clean-up of tools and stamps

COVERAGE RATES

300 – 400 sq. ft. per gallon

PACKAGING and COLORS

5-gallon pail

MIX RATIO

Single Component

SHELF LIFE AND STORAGE

Shelf life will be one year from the date of manufacture as long as containers remain unopened and when material is store in a protected environment that is free from moisture, excessive heat and freezing temperatures, and direct sunlight.

FOR BEST RESULTS

Install a minimum 4' by 4' test area site mock up for approval of acceptable color, texture, finish, adhesion, and any other critical requirement acceptable to the owner prior to proceeding with the installation.

Verify current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guidelines (IG) at www.miracote.com.

Protect materials from excessive heat and cold and regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application thicknesses and rate are obtained.

OVERVIEW OF INSTALLATION STEPS

- Use pump type sprayer to liberally apply a light film onto the surface to be stamped. Avoid application onto areas not to be stamped.

Caution: Exercise extra caution to avoid over-spray onto clean substrates that will later be coated with overlay materials. This is especially important when working with multi-colored overlay design and patterns.

- In a convenient staging area over a protected surface, apply a mist of Miracote MiraStamp LR to the impression tool. When applying on to the substrate, avoid application over an area of more than ten or fifteen square feet at a time as MiraStamp LR can evaporate before the texturing tools are positioned and placed. Should this occur, apply additional MiraStamp LR.

Note: Inert Dry Pigment can be added to MiraStamp LR for delivery onto surfaces during the impression process to create accent veins, shading and color variegation.

Caution: Do not mix or work MiraStamp LR – into the substrate material matrix. Corrections in process can be accomplished by placing texturing tools onto any surface that remains tender. Facilitate any correction by pressing out an unwanted impression or divot.

Working Caution: Obtain and read the MSDS sheets. MiraStamp LR is a chemically erosive agent and can be slippery. Exercise caution when working with MiraStamp LR. Generally, removal of MiraStamp LR is not necessary. This MiraStamp LR will naturally dissipate and will not affect integral Miracote Liquid Pigment coloration or Miracote Sealers. However, prudence does dictate reviewing the application instructions of any other stain, sealer or post release application material for specific requirements. When the impression – texturing application is completed, remove MiraStamp LR from the tools by cleaning the tool's surface using soap and plain water.

Caution:

Miracote MiraStamp LR is formulated to be compatible with most modern texturing tools manufactured out of polyurethane polymeric materials. There exist, however, tools that are not designed to work with Liquid Release. These are usually older tools or tools that are fabricated out of products of poor chemical resistance. Miracote recommends checking with both the manufacturer and the impression toolmaker to assure the investment in tools is protected and not compromised in any way.

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LIMITATIONS

- Efflorescence can develop as a result of the migration of water and can result in the failure of substrate or bond or discoloration of the surface.

PRODUCT AVAILABILITY

Crossfield Products Corp. Miracote maintains offices and factories at addresses listed below. Miracote products are available for purchase through reputable distribution in the building trades.

MAINTENANCE

For maximum sheen and cleanability, floor should be routinely treated with conventional maintenance finish followed by ordinary buffing.

SPECIFICATION ASSISTANCE

Consult Crossfield Products Corp. for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

CLEANING

Cleaning and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As a precautionary step, Crossfield recommends that the end-user test their cleaning and disinfecting compounds on a sample or on a small, out of the way finished area, utilizing the intended cleaning technique prior to cleaning the entire surface area. If no deleterious effects are observed, the procedure can be continued. If the cleaning and disinfecting compounds or cleaning techniques damage the system, modification of the cleaning material or techniques will be required. Contact your Representative for additional information.

TESTING

The technical data contained herein is the result of tests made in Crossfield's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



Miracote Product Line
Crossfield Products Corp

www.miracote.com

East Coast Office
140 Valley Road
Roselle Park, NJ 07204
P: (908) 245-2808
F: (908) 245-0659

West Coast Office
3000 E. Harcourt Street
Rancho Dominguez, CA 90221
P: (310) 631-6594
F: (310) 886-9119



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