

S-9500 Color Stain™

TECHNICAL DATA SHEET

DESCRIPTION

Super-Krete® Color Stain™ is a water-based acrylic/urethane emulsion, formulated for ease of application. Color Stain is available in 16 standard colors, and provides a natural, fresh look for old as well as new surfaces, interior and exterior. Color Stain is translucent, so stained surfaces won't look like painted. The look of an acid stain can easily be achieved without the hazards, toxicity or special handling. Color Stain is an excellent way to "antique" existing or new stamped concrete finishes and is extremely versatile. Color Stain can be applied by low-pressure sprayer, hand-pump type sprayer, airbrush or sponges for various effects.

USES

Interior / Exterior	Stamped Overlays
Stamped Concrete	Art Deco Surfaces
Driveways	Commercial / Residential
Pool Decks	Masonry Walls
Walkways	Water Features
Concrete	Anywhere Color is Desired!

ADVANTAGES

Water-based	Easy maintenance
Simple application	Non-yellowing
Performance of urethanes	Water repellent
Ease of application of acrylics	Environmentally friendly and safe
Zero VOC's	Durable when sealed
UV resistant	Non-acidic / Non-reactive
Non-toxic	Chemical resistant when sealed
Endless color possibilities	
OSHA compliant, contains no ingredients required to be listed by OSHA CFR 1910 1200	



CSI RELATED SECTIONS

03 05 00 - Common Work Results for Concrete	32 01 26.74 -Concrete Overlays
09 93 00 - Staining and Transparent Finishing	32 13 16 -Decorative Concrete Paving
09 94 00 - Decorative Finishing	

SURFACE PREPARATION

Before any Super-Krete products are applied over concrete, the slab must be free of sealers, any type of curing compounds and bond-breakers. Always refer to Super-Krete Specification S-1 for surface testing, cleaning, preparation and porosity requirements prior to applying Color Stain to any concrete surface.

Super-Krete International, Inc. recommends that all Super-Krete applications over concrete first be treated with Pene-Krete.

APPLICATION

Standard Application: Mix material thoroughly prior to application and use a paint strainer when pouring into sprayer. Apply stain in a light, even coat to lightly dampen surface only. Do not soak surface and do not allow to puddle. Follow immediately with a soft flag-tipped broom to further spread material. Allow first coat to fully dry (approximately one hour) and repeat application method until uniform or desired look is achieved. Two to three coats may be required to achieve desired look. Apply Super-Krete Color Stain only with a filtered hand pump sprayer or airless sprayer. Set airless sprayer at lowest pressure setting and use nozzle of sufficient size to prevent atomization. Use a soft flag tipped broom to further spread material and provide uniformity.

Protective Sealing: Color Stain must be sealed with a clear sealer to protect the surface and for easy maintenance. To determine the sealer appropriate for a particular project refer to Super-Krete Specification No. S-2 Selecting The Right Sealer.

S-9500 Color Stain™

TECHNICAL DATA SHEET

Coverage

150 sf – 300 sf / 1 gallon

** Coverage rates will vary, these are approximations only, actual coverage will vary due to substrate conditions, surface porosity and method of application.*

Cure Time

Dry to touch in approx. 1 hour. Will accept foot traffic in 4 hours. Final cure is 72 hours

Shelf Life

5 years when properly stored.

Storage

Store in a cool, dry place. Keep from moisture and freezing.

Tools Required

Pump Sprayer	Airbrush
Trowel	Rags
Sponge	Water
Brush	Broom

Packaging

1 gallon bottles / 4 per case
5 gallon Pails / 36 per pallet
55 gallon drums / 4 per pallet

Colors

16 standard colors
Custom colors available

Appearance

Translucent color liquid

Odor

Slight acrylic odor

Specific Gravity

1.060

Percent Volatiles by Weight

.54% - .56%

CAUTION

Keep away from children. Do not take internally. Always use safety gloves, appropriate eye protection, and appropriate OSHA/NIOSH approved respirator in areas with poor ventilation and when exposed to spray mist both indoors and outdoors. If ingested, seek medical attention immediately.

LIMITATIONS

Super-Krete products are to be applied only when surface temperatures are above 55° F and rising and not to exceed 100° F. Super-Krete products are not to be applied when precipitation is expected within 24 hours following completion of application. Do not allow materials to freeze. Each Super-Krete product acts as an inherent part of a proven system. Super-Krete products are professional, contractor grade products. Training in the use of these products is available. Consult Super-Krete for information and assistance locating approved contractors in your area or for training class dates.

NOTE: Super-Krete International, Inc. believes this information to be true to the best of our knowledge and products are of the highest quality and uniform within manufacturing tolerances. Since no control is exercised over product use, no warranty, expressed or implied is made as to the effect of such use and no liability is assumed directly or indirectly, from their use. Buyers and users are encouraged to conduct their own test prior to application.

WARRANTY

Super-Krete products are warranted only when applied by Super-Krete Certified Applicators in accordance with Super-Krete specifications. No warranty applies to products applied over concrete substrates with moisture vapor transmissions exceeding (3 lbs.)/(1,000 sf) of surface area. Super-Krete provides a 5 year warranty when products are applied by Certified applicators. To apply for warranty, refer to the Super-Krete Limited Warranty and form filing at www.super-krete.com.



WATERBASED COLOR STAINING TECHNIQUES

Super-Krete's waterbased Color Stains are user-friendly and beautify concrete and Super-Krete surfaces with very little effort. Containing no chemical or hazards, Color Stains are the alternative to acid stains. With water based Color Stains, you can mix and match colors to achieve your own look. Colors can be mottled out or marbled. They can be applied by a variety of methods including brush, broom or sprayer. No rubber gloves or ventilation equipment are needed! And the colors are true, what you see is what you get. There are no chemical reactions with the contents in concrete, so you can expect to see the results you are trying to achieve without worry.

Enhance any concrete or Super-Krete surface by adding color. It is helpful to have your client sign off on a sample board created and kept by the installer in advance of the actual installation to be sure that the client's need are being met.

TO APPLY:

1. Mist the stamped area with water and apply Color Stain using a sponge, brush, filtered airless sprayer or hand-pump type sprayer.
2. Shake Color Stain well (do NOT dilute) to ensure that all contents in the product are thoroughly mixed. If using a sprayer, filter the stain with a strainer before pouring the stain into a sprayer. It is best to pour half of the contents into the sprayer base, shake the container again, and pour the remainder of the product into the sprayer base, then shake or re-mix well.

More helpful hints: When applying Color Stains, always use lighter or brighter colors as a base first and highlight areas if desired with darker colors. When highlighting areas for contrast, always make sure that the base color has dried before applying highlight colors. When mixing colors before they have dried, the colors may blend together to form new colors. This can be done, but be sure it is the effect you are trying to achieve. Lines and joints can be enhanced using a hand held dustless grinder or diamond blade, and can be grouted out for a more dramatic appearance and to add dimension. Grouting should be done between sealer coats.

3. Pre-dampen surface with clean water. Spray Color Stain on to the surface. Apply Color Stain only with a filtered hand pump sprayer or airless sprayer. Set airless sprayer at lowest pressure setting and use nozzle of sufficient size to prevent atomization. Use a soft flag tipped broom to further spread material and provide uniformity.

STANDARD APPLICATION:

Apply stain in a light, even coat to a lightly dampened surface only. Do not soak surface and don't allow to puddle. Follow immediately with a soft flag tipped broom to further spread material. Allow first coat to fully dry (approximately one hour) and repeat application method until uniform. Two to three coats may be required to achieve desired finished colors.

Color Tip: Apply lighter colors first, allow to dry, and then highlight using darker colors. For marbling, or to create an acid-stained appearance, always pre-dampen between applications.

HEAVIER TRAFFIC AREA APPLICATIONS:

For heavier traffic areas, stain according to the standard application. Allow a 24 hour cure time. Return to apply a minimum of 2 coats of the appropriate sealer.

MARBLEIZED FINISH/MOTTLED LOOK:

Spray Super-Krete Color Stain directly on the substrate and broom to spread the color. Spray a light mist of water. This will remove broom lines and will also assist in the spreading (marbleizing) of the color. Spray apply the highlight color, and then mist with water to spread (marbleize).