



S-9500 COLOR STAIN

WATER-BASED HYBRID ACRYLIC/URETHANE COLOR STAIN

PRODUCT DESCRIPTION and USE

S-9500 Color Stain is a water-based hybrid acrylic/urethane stain that is available in 20 Standard Colors. It is an easy to use stain for interior and exterior, old and new cementitious substrates, CMU block walls and other porous substrates. It is an ideal stain for other Super-Krete products, such as, S-9300 Bond-Kote Gray, S-9302 Bond-Kote White, S-9304 Micro-Bond Gray, S-9306 Micro-Bond White, S-1800 Super-Stamp Gray and S-1801 Super-Stamp White.

S-9500 Color Stain is translucent and does not look like solid color paints. With experience the installer can create hardscapes with a wide variety of decorative finishes, such as, but not limited to variegated highlighted textures, faux wood and stone finishes looks, decorative antiquing of concrete or cementitious overlayments.

The first coat is usually spray applied, at a rate of 300 square feet (27.87 square meters) per gallon (3.79 liters) and scrubbed into the substrate with soft-bristle broom. A second coat is often applied after the first coat has cured to intensify the color. Before the final coat dries highlighting features are accomplished with a darker or complementary color making the application truly one of a kind.

S-9500 Color Stain does not expose the installer to health hazards, toxic or highly caustic and its does not require neutralizing and water rinsing like an acid stain.

Chemical Composition

Aqueous hybrid acrylic/urethane.

Colors and Packaging

Available in 20 Standard Colors S-9501 Pink, S-9502 Red, S-9503 Green, S-9504 Beige, S-9505 Concrete Gray, S-9506 San Diego Buff, S-9507 Walnut, S-9508 French Gray, S-9509 Yellow, S-9510 Desert Tan, S-9511 Baja Red, S-9512 Black, S-9513 Gray, S-9514 White, S-9515 Coast Blue, S-9516 Terra Cotta, S-9517 Caramel, S-9518 Light Cream, S-9519 Yuma Sand, S-9520 Mojave Dust.

S-9500 Color Stain Base is available in 1 gallon (3.79 liters), 5 gallons (18.95 liters) and 55 gallons (208 liters). The S-9500 Color Stain Pigment Packs are available in vials, filled with the correct pigmented material to achieve the Standard Colors. S-9500 Color Stain Pigment Packs are mixed at one vial per gallon (3.79 liters) of S-9300 Color Stain Base.

Limitations

- Surface temperatures must be above 50°F (10°C) and rising and should not exceed 100°F (38°C)
- Do not apply if precipitation is expected before 24 hours following completion of the application
- Do not allow the product to freeze
- For best results, Super-Krete branded products should be installed by experienced professional contractors who have attended an ICP-Construction training class
- Consult ICP-Construction representative for assistance

GENERAL INFORMATION

Surface Preparation

For best results the concrete or cementitious overlayment must be clean and structurally sound per ACI 201.2 Guide for Durable Concrete. Surface contaminants and excessive dust in the pores of the concrete will compromise the penetration of S-9500 Color Stain. Remove existing dirt, grime, laitances and debris. If





necessary, clean and degrease the surface using S-12000 Heavy Duty Degreaser.

Mixing Instructions

Ensure the lid on the S-9500 Color Stain and Color Stain Pigment Pack is tightly sealed. Shake the vial until uniformed color is achieved. Empty the entire content of agitated vial into S-9500 Color Stain Base in a large mixing container (one Pigment Pack per gallon). Scrape the sides and bottom of S-9500 Pigment Packs to ensure all content have been removed, add S-9500 Color Stain Base to the vial and agitate to remove all the colorant. S-9500 Color Stain Base and S-9500 Color Stain Pigment Pack(s) need to be mixed with drill and impeller type mixing paddle. **Do Not Dilute.** If applying via spray unit, strain material before pouring it into the spray unit to avoid nozzle clogs, especially if the container was previously used. Use only with clean equipment and mixing vessels. When pigmenting a 5 gallon unit, 5 individual S-9500 Color Stain Pigment Packs are required.

Coverage Rates

Coverage rate is typically 300 square feet (27.87 square meters) per gallon (3.79 liters) for the first coat, but can vary tremendously depending on surface porosity, highlighting and the desired finish color or top coat.

Application Recommendations

S-9500 Color Stain is to be used on porous concrete or cementitious substrates. To ensure penetration, the surface to be treated must be porous and profiled. If surface porosity is uncertain, perform a water-absorption test by sprinkling water on the surface that is to be treated; if the water beads on the surface, the surface requires additional profiling. If the surface readily absorbs the water, it should absorb the S-9500 Color Stain.

Do not pour S-9500 Color Stain directly onto the surface. Apply with a hand-held sprayer. Make sure that the surface is saturated. Evenly spread with a soft bristle broom or soft flag-tipped broom. Optional water misting may be used to variegate the look. Allow first coat to fully dry (approximately at one hour) and repeat the application until the desired look is achieved. Again, optional water misting can be used to variegate the look. Apply alternate colors, usually darker colors to obtain the desired highlights. To manipulate the appearance, apply multiple colors simultaneously to achieve marbling or mottling effects. The stain may be applied by sprayer, brush, sponge or microfiber cloth depending in the desired look. Contact the ICP Construction sales representative or the technical service department for questions or other options.

Remove any puddles before S-9500 Color Stain skins over. If results from puddling is desired, allow S-9500 Color Stain 24 hours to fully cure before applying any additional coats or top coating.

Note: Allow the S-9500 Color Stain to cure for a minimum of 24 hours before placing an acrylic or polyurethane top coat.

Handling Precautions

Do not breathe vapors. Avoid contact with skin, wear eye protection, wear protective gloves. Read Safety Data Sheet before using.

Transportation and Storage

S-9500 Color Stain should be properly stored above the floor on pallets or shelves, and in an area that has a constant minimum temperature of 50°F (10°C) and a maximum temperature of 90°F (32°C). Keep dry and avoid high humidity. Do not allow the product to freeze.

Clean Up

Installation tools and equipment can be cleaned with soap and water immediately after use or with acetone once the product has begun to cure.





Shelf Life

The shelf life of the product is one year from the date of manufacture, provided the material is in an unopened container and has been shipped and stored in a dry environment, not in direct sunlight and between 50°F (10°C) to 90°F (32°C).

Disposal

Product containers will contain product residue and must be disposed of properly. Label warnings must be observed at all times. All containers must be disposed of in accordance with federal, state, province and local regulations.

Technical Data

Physical Properties at 77°F (25°C)	
Coverage Rate, per gallon (3.79 liters)	200 square feet (18.58 square meters) to 300 square feet (27.87 square meters)
Application Temperature	Above 50°F (10°C) and rising and should not exceed 100°F (38°C)
Pot Life, Cover Container	None
Flash Point	Non-Flammable
S-9500 Color Stain Base and S-9500 Color Stain Pigment Pack Series (Sold separately) VOC calculated per ASTM D3960	<100 g/lit <100 g/lit

WARRANTY INFORMATION

No warranty shall be in effect until ICP Construction Terms and Conditions of Sales are met. ICP Construction warrants for a period of one (1) year from the date of shipment, provided the product is installed within its published shelf life. ICP Construction warrants that the products will be free of manufacturing defects and will be in conformity with the product published data sheet when handled, stored, mixed and applied in accordance with recommendations of ICP Construction. It is purchaser responsibility to prove that the product does not meet this warranty. The liability of ICP Construction shall be limited to replacement of any non-conforming material or refunding of the purchase price if notice of such non-conformity is proven to ICP Construction within the products shelf life. To obtain a replacement or refund the customer must provide written notice containing full details of the non-conformity. The purchaser, owner or their representative shall notify ICP Construction, in writing, within five (5) working days of non-conforming issue. ICP Construction reserves the right to inspect the non-conforming material prior to replacement. ICP Construction may in its discretion refund the purchase price received by ICP Construction in lieu of replacing the material.

Except for the expressed warranty stated above, there are no other warranties, expressed or implied, including without limitation, any implied warranty of merchantability or fitness for purpose. ICP Construction's obligation shall not extend beyond the obligations expressly undertaken above and ICP Construction shall have no liability or responsibility to the purchaser or any third party for any loss, cost, expense, damage or liability, whether direct or indirect, or for incidental or consequential damages. No customer, distributor, or representative of ICP Construction is authorized to change or modify the published data sheets or this warranty in any way. No one is authorized to make oral warranties on behalf of ICP Construction.

ICP Construction does not warrant or guarantee the workmanship performed by any person or firm installing its products/systems.

Any legal action that may arise out of this warranty shall take place in Maricopa County, AZ.

