



WB Concrete Stain

Data Sheet

DESCRIPTION: Concrete Solutions® WB Concrete Stain is a penetrating water-based stain product that is available in a variety of standard colors. Unlike acid stain, it is easy to use and environmentally safe with no need to rinse off excess residue or be neutralized. Sold as a concentrate, it is mixed with enough water to create a gallon of stain. More or less water can be used to create the desired depth of color and effect. It is always recommended to do a small test area to determine the final color before starting the installation.

TYPICAL USES:

WB Concrete Stain can be used to add color to any interior or exterior concrete surface where acid stains or acetone dyes cannot be used. It can be used over existing concrete or in conjunction with integrally colored Concrete Solutions textured or stamped finishes to create unique solid, transparent or faux finish colorations. A number of artistic effects can be achieved when WB Concrete Stain is applied over cured or existing Concrete Solutions Acid Stains or Concrete Dyes. **For floors in need of repairs or resurfacing, it is recommended that Concrete Solutions Resurfacer be applied followed by Concrete Solutions Spray-Top®, Trowel-Top™, or Roll-Top™ finish.**

FEATURES & BENEFITS:

- Can be applied using a pump sprayer, airless sprayer, HVLP, sponge, brush or flag tipped broom
- Easy to apply - does not need to be neutralized or rinsed.
- Environmentally friendly - low VOCs and contains no harmful solvents or acids.

CHEMICAL PROPERTIES:

Result

Coverage rate per mixed gallon	300 sq. ft.*
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*Coverage area is dependent upon porosity of concrete and color desired.

SURFACE PREPARATION: Surface must be clean, sound, and free from oil, dirt, waxes, or any other contaminant that may interfere with bonding. Popular methods of surface preparation include grinding, and/or scrubbing with detergent, acid etching, neutralizing, and pressure washing. The concrete to be stained should be porous and be able to absorb water. Be sure to remove any particulate or dust that may be left on the surface that may prevent proper staining and sealer adhesion.

MIXING: Mix the entire contents of bottle with water to create a gallon of stain. If mixing a small amount, mix at a ratio of 3 parts water to 1 part stain. More water can be used to create a more translucent color or less to create a more opaque color. Colors may be mixed together to create different color variations.

APPLICATION INSTRUCTIONS: For best results the surface to be stained should first be misted with water.

A wet surface is desired to allow the stain to penetrate and not dry too fast. Apply stain with a pump sprayer, airless sprayer, HVLP, sponge, brush or flag tipped broom. Apply as many coats as needed to achieve the desired look. If using a brush or broom to spread, for uniformity apply another coat to prevent drying with brush strokes. Apply at 50°F (10°C). Allow surface to thoroughly dry before sealing. WB Concrete Stains can be sealed with water or solvent based sealers.

COLOR OPTIONS: Available in a variety of standard colors.

Quick Guide to Sealing WB Stain NEVER APPLY ACRYLIC URETHANE OVER STAMPED CONCRETE SEALER OR VICE VERSA.	Interior Application	Exterior Application	Low odor Water-based
Stamped Concrete Sealer (1st coat) Stamped Concrete Sealer (2nd coat)	●	●	
Acrylic Urethane (1st coat) Acrylic Urethane (2nd coat)	●	●	
Sealcoat 1000 (1st coat) WB Urethane (2nd coat)	●	●	●
WB Epoxy Clear (1st coat) WB Urethane (2nd coat)	●		●

CONCRETE SOLUTIONS® WB CONCRETE STAIN (continued):

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)

Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors.

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