

Helix Cure and Seal 25 SB

Technical Data Sheet 41.0909DS



Helix Color Systems is a premier line of specialty decorative concrete admixtures manufactured by ChemSystems Inc. Helix Color Systems is manufactured for the discriminating installer or designer who values service and quality. Specializing in custom colors, specialty products, and superior service, Helix Color Systems offers an innovative alternative in the decorative concrete industry.

Description

Helix Cure and Seal 25 SB is a high-solids acrylic polymer, film-forming curing and sealing compound that is available in a gloss or matte finish. Helix Cure and Seal 25 SB leaves a non-yellowing film that assists the cure of freshly-placed concrete and helps protect surfaces from chalking, staining and dirt contamination.

Product Benefits

- Meets ASTM C-309, ASTM C-1315, AASHTO M148 and USDA/EPA 40CFR-D regulations.
- Provides both a protective and decorative finish.
- Helix Cure and Seal 25 SB can be re-coated after 28 days with other CSI Sealers.
- Helix Cure and Seal 25 SB is offered in Federal VOC or California VOC regulation versions.
- Helps protect surfaces from chalking, staining and dirt contamination.
- When applied according to directions, the sealer will deepen and enhance the color of concrete, terrazzo or masonry surfaces.
- Helix Cure and Seal 25 SB is non-yellowing and provides excellent resistance to water, UV light and a variety of chemicals.

Application

- Surface should be clean and clear of any standing water.
- Helix Cure and Seal 25 SB is best applied with a professional quality metal/Teflon-coated sprayer.
- Important: When applying a Helix Cure and Seal 25 SB, do not allow product to puddle. Apply product as uniformly as possible.
- One light application is typically sufficient.
- After 28 days, concrete cured with Helix Cure and Seal 25 SB can be re-coated with a second application or with any other CSI Sealers.

Coverage Rate and Drying Times

Coverage Rates – Actual coverage may vary depending on the texture, age and condition of the concrete, the application method and other local conditions.

- Smooth Finish, Per Coat – Material usage, per coat, is approximately 300 square feet per gallon.
- Rough or Broom Finish, Per Coat – Material usage, per coat, is approximately 200 square feet per gallon.
- Aggregates, Per Coat – Material usage, per coat, is approximately 100 square feet per gallon.

Drying times below will vary depending on temperature and humidity. Do not apply if rain is imminent.

- Approximate dry time at 73° F, 50% RH is <1 hour.
- Foot Traffic – Surface will dry 2-4 hours after application for foot traffic.
- Vehicle Traffic – vehicles can be allowed 24 hours after final coat.

Package Sizes

Helix Cure and Seal 25 SB is available in 1-gallon, 5-gallon and 55-gallon units

Applicable Standards

Helix Cure and Seal 25 SB complies with the following regulations and requirements:

- Helix Cure and Seal 25 SB is available for Federal VOC compliance or CA VOC compliance. Please specify version when placing order.
- ASTM C 309 – Liquid Membrane-Forming Compounds for Curing Concretes.
- AASTM C 1315 – Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing.
- AASHTO M 148 – Liquid Membrane-Forming Compounds for Curing Concretes. USDA/EPA 40 CFR-D

Technical Data

Please refer to the corresponding MSDS for hazard-related information.

Color	Clear, viscous solution.
Odor	Typical aromatic hydrocarbon odor.
Solids Content.....	25%
Specific Gravity.....	0.87
Density	7.67 pounds per gallon
Flash Point	100° F
VOC Content.....	700 G/L (Federal), 350 G/L (CA)
Opacity	Clear

Product Handling

For complete instructions on handling and use, consult the corresponding Material Safety Data Sheet before using product.

Warranty

Helix Cure and Seal 25 SB, a proprietary product, is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller's and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product. If you have any questions, please contact ChemSystems, Inc.



*For complete information on all CSI products—including product information catalogs, product brochures, color charts, technical specifications, sales aids and more—contact ChemSystems, Inc.

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