

CSI Super Seal SB

Technical Data Sheet



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

CSI Super Seal SB is a solvent-based penetrating sealer made of a proprietary combination of reactive compounds designed to protect concrete surfaces from staining, freeze-thaw and salt damage. CSI Super Seal SB water proofs the concrete without darkening or enhancing the color of the substrate. Siloxane guards the surface concrete while Silane penetrates deeply to protect steel wire and rebar.

Product Benefits

- Protects against oil, gasoline and hydrocarbon based fluids
- Will penetrate through existing solvent based acrylic sealers and cure and seal coatings
- Penetrates through acrylic sealed concrete
- Meets NCHRP 244 for penetrating sealer
- Siloxane to penetrate and protect concrete surfaces
- Silane for deep penetration of concrete
- Salt protection
- Freeze-Thaw protection
- Re-Seals previously Cure & Sealed Concrete

Application

- Cured Concrete: surface should be clean and dry. Use a 3000 psi power washer to clean the surface. Remove oil and grease spots with concrete cleaner degreaser. Allow 24 hours to dry before sealing.
- Surface temperature should be between 50° and 90° F.
- Can be applied with a solvent-resistant pump sprayer, brush, or roller of the appropriate nap length. Cross rolling should be performed for all application methods.
- When applying over a cure & seal membrane, use a roller to even out the resin film after applying CSI Super Seal SB. Do not allow the material to puddle.
- After 3-5 minutes, move material that isn't absorbed to more porous areas and apply additional material to areas that are light in color.
- Due to the low viscosity, care should be taken during roller application to avoid puddling. The substrate must be completely dry prior to application.
- Do not apply this material over waterborne resin coatings.
- Care should be taken to ensure even coverage rate.

Coverage Rates

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.
- Broom Finish, Per Coat – Material usage, per coat, is approximately 200 square feet per gallon.
- Exposed Aggregate Finish, Per Coat – Material usage, per coat, is approximately 100 square feet per gallon.

*NOTE: very porous surfaces may require two applications.

Package Sizes

CSI Super Seal SB is available in 1 gallon and 5 gallon pails.

Technical Data

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

VOC:	<100 g/l VOC Standard
Flashpoint:	40°
DOT:	UN1263/PAINT/3/PGII
Solvent:	Aromatic Petroleum Naphtha & Tert-Butyl Acetate.
Solids:	10% (Higher solids available upon request)

Product Handling

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

Warranty

CSI Super Seal 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.



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.

© 2013 ChemSystems, Inc.