

# Silane 40 SB VX

## 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

Silane 40 SB VX is a solvent-based, breathable, deep-penetrating, water repellent for concrete, masonry, and block. It protects by eliminating water intrusion which keeps harmful chemicals like deicing salts from entering the slab. Keeping water from entering the material also reduces issues related to freeze/thaw cycles and keeps rebar rust free.

### Product Benefits

- 40% Silane solvent based penetrating water repellent
- Protects surfaces from de-icing salts and freeze/thaw damage.
- The product does not alter the appearance of the surface after it cures
- Prevents water from penetrating into the substrate and carrying damaging de-icing salts and other contaminants to the reinforcing steel.

### Application

Cured should be a minimum of two weeks old: surface should be clean and dry. Use 3000 psi power washer to clean the surface. Remove oil and grease spots with concrete Clemons CLEANER DEGREASER. Allow 24 hours to dry before sealing.

### Application

Surface temperature should be between 20° F and 90° F. This product should be applied with an acetone-resistant pump sprayer. A brush or roller of the appropriate nap length can be used for areas where overspray is a concern. Enough material should be applied in a single application so that the surface remains wet for 3 minutes. Any pooled or puddled material should be moved to more porous areas after 3-5 minutes. Due to low viscosity, care should be taken during roller application to avoid puddling. Best results are obtained when the substrate is completely dry prior to application. Do not apply this material to surfaces previously coated. Care should be taken to ensure even coverage rate.

### Coverage Rates

Coverage rates may vary depending on the texture, porosity and condition of the concrete, application method, and other local conditions.

- Broomed Finish: 100 - 150 ft<sup>2</sup> per gallon
- Smooth Finish: 200 - 400 ft<sup>2</sup> per gallon
- Concrete Pavers: 100 - 150 ft<sup>2</sup> per gallon

\*Very porous surfaces may require two applications

### Package Sizes

Silane 40 SB VX is available in 1 gallon and 5 gallon pails.

### Technical Data

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

VOC:	<250 g/L
Flash Point:	0° F
DOT:	UN1263 / Paint / 3 / PGII
Solvent:	Aliphatic Hydrocarbon & Acetone
Actives:	40% w/w
Standard:	Meets or exceeds NCHRP 244

### Product Handling

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

### Warranty

Silane 40 SB VX 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.



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