

CSI Polygrit

Technical Data Sheet 23.0509DS



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 Polygrit is a polymeric grit coating additive that provides traction in potentially slippery conditions.

Product Benefits

- CSI Polygrit is a blend of powdered, modified polymers used primarily with solvent-based sealers, but can also be mixed into water-based sealers.
- CSI Polygrit is as an anti-skid additive generally used for kitchen floors, commercial entry areas, steep inclines, pool and spa decks, for example.

Pre-Application

1. Before using, test CSI Polygrit in an inconspicuous area to ensure compatibility. For any questions regarding compatibility with existing surface, consult ChemSystems, Inc.

2. Important Notes:

- CSI Polygrit, in a previously applied coating, may contribute to slight foaming due to the grit in the surface. Subsequent coats should be applied smoothly with minimal agitation on the floor.
 - Porous surfaces should be sealed before application of CSI Polygrit product. Sealing the surface helps to ensure that there will be enough coating on the surface to help encapsulate CSI Polygrit product.
3. Add product into the sealer slowly and stir thoroughly. Add 4 oz. of CSI Polygrit per gallon of sealer.
4. Remove one fifth of the sealer, not to exceed one gallon, and place in a clean container. Add the proper amount of CSI Polygrit to the separated CSI sealer with a mechanical paddle mixer. **DO NOT MIX BY HAND!** CSI Polygrit product should be added slowly and evenly to avoid lumps.
5. Sealer will change from clear to slightly cloudy as CSI Polygrit product is incorporated. There should not be any visible lumps or agglomerations in the sealer during or after addition of CSI Polygrit product.
6. Mix until CSI Polygrit product is fully incorporated into separated portion of CSI sealer.
7. Slowly add separated mixed sealer back into the remaining sealer, and mix by hand with a stirring stick. Mix until the entire amount of CSI Sealer is of consistent color and no lumps or agglomerations are present.
8. Let the sealer rest uncovered for 10 to 15 minutes to de-gas. Avoid having the sealer de-gas in direct sunlight or where temperatures are above 90 °F.

Application

Refer to the corresponding Technical Data Sheet for sealer application guidelines.

Note: Some low-pressure pump-up sprayers may not be able to spray CSI sealers with CSI Polygrit.

1. Apply the sealer as evenly as possible.
2. Frequent mild stirring of the sealer with CSI Polygrit product is recommended during application to assure even dispersion of the grit additive.

3. When utilizing a grit additive, such as CSI Polygrit, apply the CSI Sealer with a roller.

4. An additional thin coat of sealer without CSI Polygrit product may be applied over sealer containing the grit additive. This additional thin coat may help trap the grit additive in the sealer and also provide a surface that's easier to clean. However, slip resistance may decrease as a result.

Shelf Life and Storage

CSI Polygrit has a shelf life of one year. Store product indoors, away from moisture.

Coverage Rate and Drying Times

- 4 oz. of CSI Polygrit per gallon of sealer

Package Sizes

CSI Polygrit is available in 4 oz. and 20 oz. pre-weighed plastic bags of plastic pails.

Applicable Standards

CSI Polygrit products comply with ASTM D92.

Technical Data

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

Color	White powder
Odor	Mild
Specific Gravity	0.95 (H ₂ O=1)
VOC Content	None
Flash Point	>450 °F (ASTM D92)

Product Handling

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

Warranty

CSI Polygrit, 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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