

## 100% Solids Epoxy Primer 8125

### DESCRIPTION

8125 is a 2-component, clear (slightly amber), 100% solids epoxy primer formulated to provide excellent adhesion to concrete over dry surfaces. This workhorse epoxy primer is intended for application at temperatures between 60°F and 85°F. 8125 meets all USDA/FDA guidelines for use in federally inspected facilities.

### USES

8125 is an excellent multi-purpose primer suitable for vertical and horizontal application. It deeply penetrates the substrate and provides an ideal surface for subsequent coats. With the addition of fillers, such as a fumed silica or sand, 8125 also makes an ideal patching material for floors, walls and ceilings.

### COVERAGE

8125 is typically applied between 100-160 square feet per gallon per coat depending upon substrate and project requirements

### FEATURES

- 100% solids
- Versatile Product
- Excellent Adhesion
- Vertical/Horizontal Application
- Odorless/VOC Compliant
- Easy mix ratio
- Can be field pigmented

### PHYSICAL PROPERTIES

<b>Volume mix ratio</b>	1:4 (Resin to Hardener)
<b>Viscosity (mixed)</b>	30 - 50 CPS Typical
<b>Solids Content (%)</b>	48% (ASTM D-2697)
<b>VOC</b>	Compliant with all US Regulations
<b>Application Temps</b>	60° - 85°F
<b>Gel Time</b>	45-60 minutes @ 75°F
<b>Dry to Touch (recoat with similar product)</b>	30-60 hours @ 75°F
<b>Through Cure</b>	2-3 hours @75°F
<b>Open for Light Traffic</b>	24 hours @ 75°F
<b>Shelf Life</b>	1 year in unopened units

### PACKAGING

- 1.5 Gallon BAG-PAK™ Unit in a single pail
- 3 Gallon BAG-PAK™ Unit in a single pail
- 15 Gallon Unit in three 5-gallon pails
- 165 Gallon Bulk Unit in three 55-gallon drums

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## LIMITATIONS & FOR BEST RESULTS

- Do not thin this product
- Do not apply when Humidity exceeds 70% indoors
- Do not allow to puddle during application
- Allow each coat to dry to 'tack-free' or clear prior to re-coat
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- Do not apply this product heavier / thicker than the recommended spread rate / mil thickness

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## PRODUCT MIXING & APPLICATION

Apply using brush, roller and squeegee. SUPERIOR product test data is based on environmental temperatures of 75° F. Viscosity and working time are always affected by temperatures above or below that mark. When applying product always consider the ambient, surface, and product temperature at the time and place of installation.

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## COLOR AND TEXTURES

8125 is manufactured in CLEAR (slightly amber), can be field pigmented using SUPERIOR Colorants. Most SUPERIOR products are available in a wide range of textures using an appropriate aggregate.

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## CHEMICAL RESISTANCE

Always refer to SUPERIOR's chemical resistance chart for specific information on each product / system or contact SUPERIOR directly.

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## PRODUCT STORAGE

**DO NOT** allow SUPERIOR products to freeze. All SUPERIOR products should be properly stored above the floor on pallets or shelves, and in an area that has a constant minimum temperature of 50°F.

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## SURFACE PREPARATION

Always apply SUPERIOR products to a clean / sound substrate that is free of laitance, grease, oils, debris, and curing compounds. Concrete substrates should be cured for a minimum of 28 days prior to application of product [except as otherwise noted on the individual Product Data Sheet]. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible always perform tests to determine adhesion and compatibility to the existing flooring. Mechanical preparation by means of a shotblasting or diamond grinding machine to a minimum CSP-2 profile is the best and recommended preparation method for 8125 applications. If the substrate is not properly prepared and the appropriate profile is not achieved, failure of the product to adhere to the substrate may occur.

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## CLEAN UP

Application tools and equipment can be cleaned with soap and water immediately after use, or with solvent once the product has begun to cure.

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## DISPOSAL

Product containers will contain product residue and must be disposed of properly. Label warnings must be observed at all times. All containers must be disposed in accordance with federal, state, and local regulations.



# TECHNICAL DATA SHEET

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## **IMPORTANT NOTICE**

Always read and acquaint yourself with SUPERIOR's Product Data Sheet, SDS [safety data sheet], and product labels for each individual product prior to mixing and prior to use. For further assistance, product questions, additional information and/or unexpected or unusual installation conditions – contact your Area Sales Representative or SUPERIOR directly for recommendations. Kit components are pre-measured for optimal performance. Catalyzation errors due to incorrect mixing in the field voids product warranty.