

## Water Clear Epoxy Coating

### 8150 LT-25 (Low Temperature Curing)

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#### DESCRIPTION

**8150 LT-25** is a slightly amber/clear, 100% solids, low to medium viscosity, 2-component epoxy coating designed for low temperature curing down to 25°F. **8150 LT-25** is a multi-use primer/body/binder epoxy that can be used as a clear or solid color coating or binder for trowel down systems. **8150 LT-25** meets USDA/FDA guidelines for use in federally inspected facilities and all VOC/HAPS regulations for use throughout the United States.

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#### USES

**8150 LT-25** is used when an amber/clear or solid color high build coating or trowel down system is required in a low temp environment down to 25°F. It's adhesion promoters and lower viscosity characteristics makes it an ideal primer or "seed" coating to broadcast flakes or aggregate into.

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#### COVERAGE

**8150 LT-25** is typically applied between 60-150 square feet per gallon per coat depending upon substrate and project requirements.

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#### FEATURES

- 100% solids
- Capable of low temperature curing down to 25°F
- Excellent inter-coat adhesion to certain primers and finish coats
- High gloss finish
- Flowable, easy to apply formulation
- Easy 2:1 mix ratio

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#### PHYSICAL PROPERTIES

<b>Volume mix ratio</b>	2:1 (Resin to Hardener)
<b>Viscosity (mixed)</b>	800 CPS Typical
<b>Solids Content (%)</b>	100% (ASTM D-2697)
<b>Pencil Hardness</b>	75-85 (Shore D)
<b>VOC</b>	Compliant with all US Regulations
<b>Application Temps</b>	20° - 35°F
<b>Gel Time</b>	2-6 minutes @ 75°F
<b>Dry to Touch (recoat with similar product)</b>	30-60 minutes @ 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

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#### PACKAGING

- 1.5 Gallon Unit: contains two ¾ gal Bag-Pak™ Units in a single pail
- 3 Gallon Unit: contains four ¾ gal Bag-Pak™ Units in a single pail

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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.
- When pigmenting using lighter colors application at 15 mils or in multiple coats may be required for full hide
- This product has very short working time—do not mix multiple batches at the same time
- To avoid the material setting too fast, precondition the material to approximately 40°F prior to use

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## PRODUCT 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

8150 LT-25 is manufactured in CLEAR (amber) and 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. Make certain that concrete is properly dried and prepared before applying Superior materials. Concrete substrates should be treated with the Rock-Block System when moisture testing per ASTM F2170 shows results over 80% RH. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible test to determine adhesion to the existing material. Mechanical preparation by means of shot-blasting or diamond grinding to a ICRI CSP 2/3/5 is the recommended preparation method (see ICRI Guideline No. 03732 for more information). 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.