

## Water Clear Epoxy Coating 8150 MV (Medium Viscosity)

### DESCRIPTION

**8150 MV** is a water clear, 100% solids, medium viscosity, 2-component, cyclo-aliphatic epoxy coating. 8150 MV is a multi-use coating designed to provide very good abrasion and chemical resistance, UV protection, gloss retention, durability and workability for the applicator.

### USES

**8150 MV** is used where a water clear or solid color high build neat coating is required or as an easy working, self-leveling body or finish coat in broadcast or trowel applied industrial and decorative flooring systems. Its medium viscosity characteristic makes it an ideal "seed" coating to broadcast flakes or aggregate into. 8150 MV meets USDA/FDA guidelines for use in federally inspected facilities and all VOC/HAPS regulations for use throughout the United States.

### COVERAGE

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

### FEATURES

- 100% solids
- Faster cure available with accelerator
- Excellent inter-coat adhesion to certain primers and finish coats
- Able to be field pigmented with colorants
- Medium viscosity, high building material
- Water clear, high gloss finish
- Easy mix ratio
- Good UV and chemical resistance

### PHYSICAL PROPERTIES

<b>Volume mix ratio</b>	2:1 (Resin to Hardener)
<b>Viscosity (mixed)</b>	900-1000 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>	60° - 85°F
<b>Gel Time</b>	40-45 minutes @ 75°F
<b>Dry to Touch (recoat with similar product)</b>	3-4 hours @ 75°F
<b>Through Cure</b>	8-10 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.
- When pigmenting using lighter colors application at 15 mils or in multiple coats may be required for full hide

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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

8150 MV is manufactured in WATER CLEAR 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. 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). 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 always perform tests to determine adhesion and compatibility to the existing flooring. Mechanical preparation by means of a shot-blasting or diamond grinding machine to a minimum CSP-2 profile followed by application of an appropriate SUPERIOR primer or base system is the best and recommended installation method for 8150 MV 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.