

Water Clear Epoxy Coating 8150 LV (Low Viscosity)

DESCRIPTION

8150 LV is a water clear, 100% solids, low viscosity, 2-component, cyclo-aliphatic epoxy coating. **8150 LV** 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 LV is used where a water clear or solid color thin mil "neat" coating is required or when a highly flowable, self-leveling body/broadcast or finish coat is required. Its low viscosity characteristic allows easy application and uniform application in thin, tight coats. **8150 LV** is VOC compliant and meets all

COVERAGE

8150 LV is typically applied between 100-160 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
- Self-leveling, easy flowing product
- Odorless/VOC compliant
- Water-clear, high gloss finish
- Easy mix ratio
- Good UV and chemical resistance
- Useful as a water clear 100% solids epoxy primer

PHYSICAL PROPERTIES

Volume mix ratio	2:1 (Resin to Hardener)
Viscosity (mixed)	600-700 CPS Typical
Solids Content (%)	100% (ASTM D-2697)
Pencil Hardness	75-85 (Shore D)
VOC	0 g/l (EPA method 24)
Application Temps	60° - 85°F
Gel Time	40-45 minutes @ 75°F
Dry to Touch (recoat with similar product)	2-3 hours @ 75°F
Through Cure	7-9 hours @75°F
Open for Light Traffic	24 hours @ 75°F
Shelf Life	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

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

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.

COLOR AND TEXTURES

8150 LV 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.

CHEMICAL RESISTANCE

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

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.

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 followed by application of an appropriate SUPERIOR primer or base system is the best and recommended installation method for 8150 LV 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.

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.

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.

IMPORTANT NOTICE



TECHNICAL DATA SHEET

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.