

Waterborne Epoxy Primer 8126

DESCRIPTION

8126 is a fast curing, cost-effective, 2-component waterborne epoxy primer intended for use as a clear or field pigmented primer or concrete sealer coat. **8126** meets USDA/FDA guidelines for use in federally inspected facilities and all VOC/HAPS regulations for use throughout the United States

USES

8126 can be used as a standard primer under most SUPERIOR flooring or wall systems. It can be used as a direct to prepared concrete finish sealer where low or no topical film build is desired or as a pre-primer under other SUPERIOR Primers/Coatings where extreme bond strength is required due to poor substrate conditions.

COVERAGE

8126 is typically applied at a spread rate of approximately 250 - 350 square feet per gallon depending on substrate porosity.

FEATURES

- Waterborne with no strong odors
- Excellent adhesion to a variety of substrates
- Penetrates deeply into prepared concrete substrate for low film build
- Solvent free
- Able to be field pigmented with Superior Colorants – use one 1.5 Jar per 2.5 gal mix
- Fast drying time

PHYSICAL PROPERTIES

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

PACKAGING

- 2.5 Gallon Units BAG-PAK™ in a single pail
- 2.5 Gallon Units in 5 gallons

LIMITATIONS & FOR BEST RESULTS

- Do not thin this product.
- Do not apply when Humidity exceeds 70% indoors.
- Allow each coat to dry to 'tack-free' prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- Not recommended as a body or finish coat.
- Do not apply in heavier coats than recommended. Do not allow to puddle or collect in cracks, joints, etc. during application or improper cure may result
- When applying in a solid color mix the 1.5 Jar (or ½ BAG-PAK) of SUPERIOR Universal Colorant per kit into the Hardener side until homogenous. Then combine colored Hardener with Resin and mix for 2 minutes.
- Do not apply over existing coatings.
- Do not apply directly to EASYCOVE.
- Separation is possible during storage. Follow two step mixing instructions below to prevent product failure.

PRODUCT MIXING & APPLICATION

Using a low speed drill and spiral mixing blade pre-mix HARDENER for approximately 30 - 60 seconds to reincorporate any separated liquids. Slowly add RESIN component to pre-mixed HARDENER and mix for an additional 2 minutes to catalyze unit. Product will become cloudy during mixing, but will dry clear with proper application.

Apply in coats of 5 – 8 mils WFT by brush, roller and/or 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

8126 is manufactured in clear and can be field pigmented using one 1.5 Jar (or ½ BAG-PAK) of SUPERIOR Universal Colorant per 2.5 gallon kit. Most SUPERIOR products are available in a wide range of textures using an appropriate aggregate.

CHEMICAL RESISTANCE

Always refer to SUPERIOR's chemical resistant 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). Concrete substrates should be treated with the Rock-Block System when moisture testing per ASTM F2170 shows results over 80% RH. If the substrate is treated with Rock-Block, **8126** should not be used. 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 surface preparation to a minimum profile of CSP-2 by means of a shot-blasting machine or rotary diamond grinder is the best and recommended preparation method for 8126 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

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.