

Extreme Bond Primer 8124

DESCRIPTION

8124 is a 100% solids, 2-component polyamide epoxy primer formulated to provide superior adhesion to prepared substrates. **8124** can be applied to slightly damp substrates. It will cure at temperatures down to 40° F and can also be used as a rapid curing primer in warmer applications. **8124** meets USDA/FDA guidelines for use in federally inspected facilities and all VOC/HAPS regulations for use throughout the United States.

USES

8124 can be used as a primer, as a self-leveling body coat over uneven substrates, as a mortar binder or slurry patching material when combined with SUPERIOR Aggregates. Its low-temperature cure and damp substrate tolerance make it perfect for repairs and coatings work inside operating coolers and food processing facilities.

COVERAGE

8124 is typically applied between 60-160 square feet per gallon per coat depending upon substrate and project requirements.

FEATURES

- 100% solids
- Rapid cure or low temperature cure
- Can be field pigmented with colorants
- Excellent adhesion
- Easy mix ratio
- Moisture tolerant
- Excellent abrasion resistance
- Multiple uses

PHYSICAL PROPERTIES

Volume mix ratio	2 to 1 (Resin to Hardener)
Viscosity (mixed)	1000-1200 CPS Typical
Solids Content (%)	100% (ASTM D-2697)
VOC	Compliant with all US Regulations
Hardness (ASTM D-2240)	70-75 (Shore D)
Application Temps	40° - 80°F
Gel Time	30-40 minutes @ 75°F
Dry to Touch (recoat with similar product)	2-5 hours @ 75°F
Through Cure	4-6.5 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.
- 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 applying at temperatures below 60°F condition the unopened buckets of material for several hours at the installation temperature prior to applying.

PRODUCT APPLICATION

Apply by brush, roller 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

8124 is available in Clear (slightly amber) and can be pigmented using SUPERIOR Universal Colorants. 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. 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 is the best and recommended preparation method for 8124 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.



TECHNICAL DATA SHEET

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.