



EP-100™

EPOXY PRIMER

Revised 08.02.11

DESCRIPTION

EP-100™ is a two component, non-pigmented epoxy primer. A winter grade of this product is available.

FEATURES

- 100% solids. Zero VOCs.
- Superior adhesion to most surfaces.
- Easy to use.
- Roller, brush, or spray-applied.

SURFACE PREPARATION*

Cured, new concrete must have latent removed by acid etching, abrasive grit blasting, or water blasting. Old concrete requires abrasive or water blasting to remove latent and contaminants. Surface profile must be similar to 80 grit sandpaper.

Voids in concrete may require re-surfacing.

GENERAL APPLICATION AND HANDLING

The SPI EP-100™ is a primer for properly prepared* concrete surfaces. This product is intended to be a primer for SPI's spray polyureas and other products. It must be applied to a clean, dry to slightly damp surface that has been properly prepared. No standing water is allowed. Apply this product with a roller, brush, or airless spray equipment (recommended).

WARNING

These chemicals may present a fire hazard if improperly used. Each user of this product should determine whether there is a potential hazard in a specific application and take the necessary precautions.

*Concrete Prep Guide available from SPI.

WET PROPERTIES

Solids by Volume	100%
Theoretical Coverage DFT	800 sq. ft. (74 m ² /gal)
Mix Ratio* by Volume	1 "A" to 1 "B"
Pot Life @ 78°F (25°C), 70% R.H.	30 minutes
Flash Point	>200°F (93°C)
Viscosity	A: 500-1000 cps B: 100-200 cps
Weight per gallon	8.8 lbs (4kg)
Shelf Life	One year in a cool dry area
Application Temperature	>60°F (15°C)

CURING SCHEDULE

Tack Free	12-24 hours
Recoat	12-24 hours

**Thoroughly mix equal parts of "A" and "B" in a clean, dry container. Let stand for a ten minutes induction (sweat-in) period before use. Spray with airless equipment developing a minimum of 1200 psi (8.3 mpa). Do not mix more material than can be sprayed within 30 minutes @ 77°F (25°C)*

WARRANTY & DISCLAIMER

Specialty Products, Inc. has no role in the manufacture of the finished polymer other than to supply its two components. It's vital that the person applying this product understands the product and is fully trained and certified in the use of plural-component equipment. Specialty Products, Inc., an Alaska corporation, warrants only that the two components of this product shall conform to the technical specifications published in the product literature. The quality and fitness of the product is dependent upon the proper mixture and application of the components by the applicator. There are no warranties that extend beyond the description on the face of this instrument. SPECIALTY PRODUCTS, INC. MAKES NO WARRANTY OF MERCHANTABILITY OF THE PRODUCT OR OF FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE. Specialty Products, Inc. makes no warranty as to the quality of any product modified, supplemented, tinted, or altered in any way after it leaves the manufacturing plant. Specialty Products, Inc. does not warrant that this product is suitable for use as a liner for potable water containers. Use of this product in a potable water container could be hazardous to health if it is improperly processed or applied. The liability of Specialty Products, Inc. for any nonconformity of the product to its technical specifications shall be limited to replacement of the product. The sole exclusive remedy of buyer, which is to have Specialty Products, Inc. replace any nonconforming product at no cost to buyer, is conditioned upon buyer notifying Specialty Products, Inc. or its distributor in writing of such defect within thirty days of the discovery of such defect.

Specialty Products, Inc. shall not be liable for any direct, incidental, or consequential damages resulting from any breach of warranty.

Note: Currently, this product is manufactured exclusively by our Lakewood, Washington facility. Therefore, please allow additional transit time as well as additional transportation charges to certain geographic areas.

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