



## Elastomeric Roofing Systems, Inc

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## Primer I

### Product Data Specification

#### TYPICAL PHYSICAL PROPERTIES

Solids (Volume)	4.0%
Solids (Weight)	5.0%
Color	Clear
Shelf Stability	6 months
Viscosity	50 cps
Weight/Gallon	6.9 lbs.
Dry time to coat	20 min.

#### DESCRIPTION

Primer I is a single component solvent-based primer designed to improve adhesion of coatings to EPDM, PIB and CSPE (Hypalon) single-ply membranes. Its unique cure activation system promotes excellent adhesion and rapid recoat with a variety of coatings including Eraguard 1000, Erathane 300 Base and Finish Coats and Erakote.

#### USES

Primer I is designed to prepare a single-ply membrane surface to accept and retain adhesion to a protective coating. See Thermoset Single-Ply Restoration Specification.

#### COLOR

Clear

#### PACKAGING

Standard availability in 5 gallon pails.

#### APPLICATION EQUIPMENT

Application may be by brush, roller or airless spray.

**Brush or Roller:** Brush may be used for small, irregular and inaccessible areas. A short nap solvent resistant roller works well.

**Airless Spray Equipment:** Airless spray equipment with a 1 gallon per minute capacity, at low

pressure, 1/4" hose and tips of .010 and .015 inch diameter work well.

**Note:** Primer I is highly flammable. Grounded spray equipment should be used. *Do not use electric-mixer to stir.*

#### SURFACE PREPARATION

Single-ply membrane surface must be dry, clean and free of dirt, grease, loose debris and chemical contaminants. New membranes must be free of talc. Power washing at 2000-3000 psi is normally sufficient.

Adhesion tests of Primer I and the finish coat should be applied to prepared surface to check for adhesion performance.

#### APPLICATION

Always stir prior to use. Primer I is typically applied at 250-300 sf per gallon. The surface to be primed needs only to be wetted completely and uniformly.

Primer I may require stirring every 15-20 minutes. Do not thin!

#### CURING AND RECOAT TIME

Primer I will typically be cured sufficiently to accept a coating in 20-30 minutes. Temperature should be 40°F or above. Low temperatures slow the cure rate. Recoating of Primer I should occur the same day it is applied.

#### LIMITATION

Primer I must be well stirred. Surface must be dry, clean, preferable 40°F or higher. Cold will extend cure times.

Primer I contains flammable solvents. Exercise caution in mixing, applying and clean-up.

**CAUTION!!!!**

Be sure area is well vented. The solvents used in ERSystems Primer I are flammable and, in some cases, irritating to the eyes and skin. Keep containers tightly closed and away from heat, sparks and open flame.

**Avoid breathing of vapors and contact with skin.**

Use appropriate MESA/NIOSH approved chemical cartridge or air-supplied respirators where limited air movement might occur. In confined areas, adequate ventilation of fresh air supplied by hoods must be provided during application. This primer is not intended for non-industrial use. Proper eye protection and protective clothing for the skin should be worn. Keep out of reach of children.

The flow of material through pump and system could create static electricity. When pumping flammable materials, all equipment must be properly grounded to prevent static discharge and sparking, which could cause fire or explosions. Use only conductive or grounded air and material hoses and be sure that compressor and pumps are properly grounded per manufacturer's recommendations.

**WARRANTY**

IMPORTANT: While the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

ERSystems' sole warranty is that the product will meet the sales specification at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

**PRIOR TO USE OF THIS MATERIAL, READ ALL APPROPRIATE MATERIAL SAFETY DATA SHEETS.**