

# Sure-Seal® EPDM

## Two Part Pourable Sealer



### Overview

Let Carlisle simplify your next Sure-Seal EPDM installation with their Sure-Seal Pourable Sealer. EPDM Pourable Sealer is a two-component, solvent-free, polyurethane-based product compatible with Carlisle's Sure-Seal and Sure-White™ membranes. It is a material designed to provide a flexible, durable and long-lasting seal around hard-to-flash penetrations in Sure-Seal and Sure-White Roofing Systems. The product can also be used to provide a permanent tie-in between the Sure-Seal and Sure-White membranes and a built-up roof surface and for attaching lightning rod bases and ground cable clips to the membrane surface.

### Features and Benefits

- » Quick curing time after mixing
- » Provides a flexible, durable and long-lasting seal around hard-to-flash penetrations

### Mixing

The Part B (1 pint) may be pressurized – open container slowly. Thoroughly mix Part B and pour the contents into the Part A (1 gallon pail). Thoroughly stir Part A and B together using a variable speed drill and mixing blade for a minimum of 5 minutes, scraping the bottom and sides of the can to ensure uniform mixing.

When mixed, the Pourable Sealer has a pot life of 30 minutes.

### Coverage Rate

One gallon of properly mixed Two-Part Pourable Sealer contains 2313 in<sup>3</sup> (3,785 cm<sup>3</sup>) of pourable sealer.

A 4" Pourable Sealer Pocket holds 25 in<sup>3</sup> (410 cm<sup>3</sup>); a 6" Pocket holds 56 in<sup>3</sup> (918 cm<sup>3</sup>); and an 8" Pocket holds 100 in<sup>3</sup> (1,639 cm<sup>3</sup>). This will also cover 19' (5.8 m) of cold tie-in, 6" (150 mm) wide on a smooth surface. (These measurements are for reference only and actual product usage may vary.)

### Application

1. Pourable Sealer Pocket
  - a. Fit Sure-Seal and Sure-White membranes closely to penetrating objects and seal to prevent loss of filler. It may be necessary to seal around the penetrations to prevent loss of sealer.
  - b. Install and flash Pourable Sealer pocket dam in accordance with the appropriate U-16 detail. Minimum Pourable Sealer depth is 2" (50 mm). Minimum distance from object to side of pocket is 1" (25 mm).
  - c. Clean all mating surfaces with Weathered Membrane Cleaner and allow to dry. Prime all surfaces with Carlisle EPDM Primer, including the deck membrane, penetration and uncured elastoform flashing that will come in contact with the Pourable Sealer. **Primer should not be applied to the blue plastic strip that forms the inside wall of the PS Pourable Sealer Pocket.** Allow the primer to properly flash off. Fill the pocket with the properly mixed Pourable Sealer and crown the top surface to prevent ponded water.
 

Note: EPDM Two Part Pourable Sealer is only available in black. For Sure-White EPDM installations, use Carlisle's White One-Part Pourable Sealer.
2. Tie-In to Built-Up Roof Surface
  - a. Scrape the built-up roof surface to remove all gravel, dirt and moisture to the tie-in area for a smooth, clean and dry surface
  - b. Apply Pourable Sealer as specified and embed the EPDM Elastoform Flashing as described in detail U-13.

*Review Carlisle specifications and details for complete installation information.*

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### Precautions

- » Review the applicable Material Safety Data Sheet for complete safety information prior to use.
- » Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
- » If swallowed, DO NOT INDUCE VOMITING. Call a physician immediately.
- » Avoid contact with eyes. Safety glasses or goggles are recommended. If splashed in eyes, immediately flush eyes with plenty of clean water for at least 15 minutes. Contact a physician immediately.
- » Avoid contact with skin. Wash hands thoroughly after handling. In case of contact with skin, thoroughly wash affected area with soap and water.  
  
Note: Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) are required for hand protection.
- » Do not thin Pourable Sealer. Thinning will affect performance.
- » Shelf life is based on storage in original, unopened and undamaged containers at temperatures ranging from 60°F to 80°F (15°C to 26°C). Should the Pourable Sealer be exposed to lower temperatures, restore to room temperature prior to use.
- » Coverage rates are average and may vary due to conditions of the jobsite.
- » Avoid contact of Pourable Sealer to other than rubber surfaces. Staining will occur.
- » KEEP OUT OF THE REACH OF CHILDREN.

### Typical Properties and Characteristics

Color	Black
Solids	100%
Flash Point	Part A 490°F (254°C) Part B 220°F (104°C)
Average Tensile Strength	210 psi
Average Specific Gravity	1.23
Average Hardness (shore A)	30
Average Elongation	280%
Low Temp. Brittleness	-50°F (-46°C)
VOC	Part A – less than 15 grams/liter Part B – less than 10 grams/liter
Packaging	Part A – (2) 1-gallon pails/ctn. Part B – (2) 1-pint cans/ctn.
Pot Life	30 minutes @ 75°F
Shelf Life	1 year, unopened container

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

### LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Carlisle, PA
VOC Content	Part A: <15 g/L Part B: <10 g/L