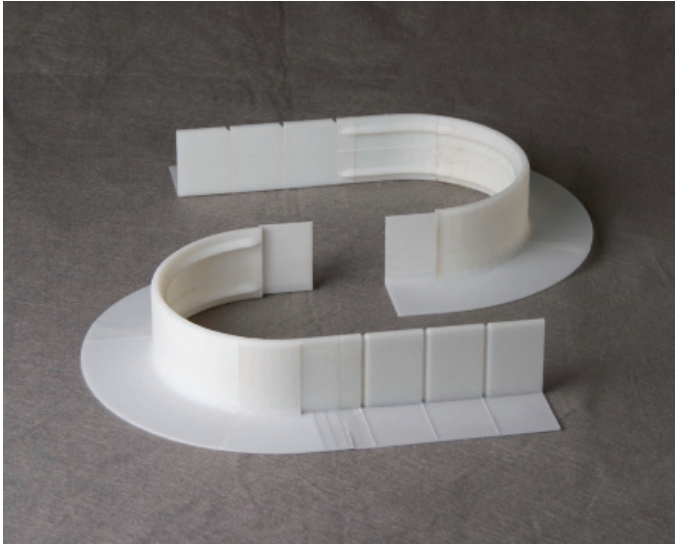




Sure-Flex™ PVC

Molded Sealant Pockets



Overview

Carlisle's Sure-Flex PVC Molded Sealant Pockets consist of an interlocking, two-piece, injection-molded flexible pocket with a rigid PVC vertical wall and pre-formed deck flanges. Pockets can be adjusted from 11.5" (292 mm) to 7.5" (190.5 mm) in length by following the cutting lines molded into the pocket. This product, in conjunction with White One-Part Pourable Sealer, is used to waterproof pipe clusters, I-beams, or other oddly shaped penetrations on Sure-Flex Roofing Systems.

Sure-Flex PVC Molded Sealant Pockets are part of Carlisle's Certified Fabricated Accessory (CFA) program. Certified Fabricated Accessories are the only factory-fabricated PVC accessories that meet the stringent quality tolerances required to be included in a Carlisle warranted roofing system.

Features and Benefits

- » Provides substantial labor savings compared to field-fabricating a sealant pocket from coated metal or other material
- » Provides a reliable method of waterproofing oddly shaped penetrations
- » Built-in extension legs allow for varying sealant pocket sizes
- » Provides a more consistent, professional appearance than field-fabricated pockets

Installation

1. Clean the inside of the Molded Sealant Pocket, as well as the areas where the pocket overlaps (the underside of the pocket flange and the deck membrane), with PVC Membrane Cleaner. Use an abrasive pad (e.g. Carlisle's Sure-Seal® Primer Pad) with the cleaner if the membrane has been exposed for an extended period of time.
2. Place the Molded Sealant Pocket around penetration(s), overlapping the two sections of the pocket.
3. Cut a piece of cardboard (approximately 4" x 4") and place between the overlapping area of the Molded PVC Sealant Pocket and the deck membrane. The cardboard prevents the pocket from being welded to the membrane when welding the overlaps.
4. Position the Molded Sealant Pocket so the vertical overlap is against the penetration. This will allow proper pressure to be applied to the overlap with the 2" silicone roller.
5. Weld both vertical overlaps starting at the angle change and progressing to the top of the pocket.
6. Using a hand-welder, weld the angle change in overlap area first. Using the end of a seam probe assists in this process. The hand-welder temperature setting should be between 5 and 6.
7. Hand-weld the remainder of the horizontal overlap.
8. Repeat steps 4 and 5 to weld the overlap on the other side of the Molded PVC Sealant Pocket.
9. Make tack-welds on all four sides of the pocket to hold it in place.
10. Weld the entire horizontal flange to the deck membrane.
11. Once the weld area is completely cool, check all splices for voids and cold-welds with a seam probe. Make any needed repairs.
12. Fill the pocket with White One-Part Pourable Sealant. Use an adequate amount of sealant to ensure that contact is made with the top rim of the pocket.

Review Carlisle specifications and details for complete installation information.

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Precautions

- » Temperature of penetration shall not exceed 160°F (71°C).
- » The inside of the sealant pocket and all penetrations must be cleaned with PVC Membrane Cleaner prior to filling with sealant. No primer is to be used.
- » White One-Part Pourable Sealer must completely fill the Molded PVC Sealant Pocket and must be crowned to prevent ponding water.
- » The walls of the sealant pocket must be a minimum of 1" from any penetration.
- » Store Molded PVC Sealant Pockets in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. Molded PVC Sealant Pockets or membranes that have been exposed to the weather must be prepared with PVC Membrane Cleaner prior to hot-air welding. Abrasive pads must be used if the membrane has been exposed for an extended period of time.

Typical Properties and Characteristics

Size	7.5" to 11.5" x 6"
Packaging	5 pockets per carton
Weight (each)	0.55 lbs. (0.25 kg)
Material	Non-Reinforced PVC
Color	White

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.

Sealant Required to Fill Sealant Pockets

Size (TTL Tabs)	Cubic Inches	Liters	Gallons	Bags of Sealant
4 Tabs Used	128.5	2.1	0.55	1
3 Tabs Used	110.5	1.8	0.55	1
2 Tabs Used	92.5	1.5	0.4	1
1 Tabs Used	75	1.2	0.32	1