One-Part Pourable Sealer

Liquid Flashing Application Guide

October 2023

NOTE: The contents of this guide are considered accurate at time of posting. All information contained within should be validated for accuracy as it relates to specific project conditions or requirement. Specific codes, uplifts or other factors may result in changes to the information contained within this document. Validate all specific conditions with a Regional Technical Coordinator prior to its use.

Description

Elevate One-Part Pourable Sealer is an effective, easy to use solution for a variety of flashing applications on TPO (White One-Part Pourable Sealer only), EPDM, APP, SBS, and BUR roofing systems. The product is available in black or white. It is packaged in a resealable pouch, and no mixing is necessary. Do not apply **Black** One-Part Pourable Sealer to TPO, PVC or **white** EPDM membranes.

Elevate One-Part Pourable Sealer (white) may be used in penetration pockets on PVC membranes, however it is not approved for use as a liquid flashing over PVC.

Surface Preparation

1. Substrates must be stable, clean and dry with no oils, grease, moisture (including condensation) or loose debris.
2. Primer must be applied to substrates. The recommended primer for PVC, TPO and EPDM membranes is Single-Ply QuickPrime™ Primer (TIS 1436), and Single Ply LVOC Primer (TIS 1445) is also acceptable. QuickPrime Plus or QuickPrime Plus LVOC (TIS 1412) may also be used on **black** EPDM only. For APP, SBS, or BUR, use Elevate SA Primer (TIS 603).
3. Concrete must be minimum 3,000 psi compressive strength, and free of release agents and curing compounds. The surface to be flashed must be clean, dry and free of contaminants. Grinding may be necessary to ensure a properly prepared surface.
4. All metals must be solvent-cleaned (such as with acetone) and abraded to de-gloss the surface and promote adhesion.
5. Wood substrates must be clean, dry, and free of paint and surface contamination. Do not apply to treated wood.

Application

1. The ambient application temperature should be between 40 °F (4 °C) and 90 °F (32 °C). The One-Part Pourable Sealer should be at least 60 °F (16 °C) at the point of application. Cure time will be affected by temperature and humidity, but a typical time is 90 minutes.
2. Properly prepare surface. See primer guidelines above (Sec II.B.).
3. Measure and mark the area to be flashed in accordance with Elevate details.
   a. Elevate One-Part Pourable Sealer must extend out a minimum of 3" (76 mm) horizontally from the edge of the pipe, curb, etc. being flashed and 6" (152 mm) vertically from the roof surface.
   b. For mechanically attached systems where membrane fasteners are at the base of a wall, curb, or penetration, the liquid flashing membrane (including fabric) must extend 3" (76 mm) past the edge of the fasteners/plates.
   c. Apply masking tape around the area to be flashed to ensure the product is not feathered or thinned-out at the edges, and to maintain a neat appearance.
4. Using a brush, roller, squeegee, or trowel, apply One-Part Pourable Sealer at an approximate thickness of 30 wet mils (0.8 mm) over the marked area, being careful not to feather out the edges.
5. Using a pre-cut piece of UltraFlash™ Fabric, lay the fabric into the One-Part Pourable Sealer so that it extends out a minimum of 3" (76 mm) in all directions from the edge of the pipe, curb, etc. being flashed (both horizontally and vertically). UltraFlash Fabric is available in the following sizes:
   a. 6" x 100 yard (152 mm x 91.4 m) – W70UF06300
   b. 12" x 100 yard (305 mm x 91.4 m) – W70UF12300
   c. 24" x 100 yard (610 mm x 91.4 m) – W70UF24300
   d. 40" x 108 yard (1 m x 98.8 m) – W70UF40300
6. Apply another coat of One-Part Pourable Sealer at an approximate thickness of 30 wet mils (0.8 mm) over the marked area, being careful not to feather out the edges. Be sure the liquid flashing extends a minimum of ¼" (25 mm) beyond the fabric.
7. Granules may be broadcast into the fresh (wet) compound to match the surface of an APP or SBS roof.
8. NOTES:
   a. The same general application instructions apply to penetrations, curbs, and base flashings. Please refer to the Elevate details for those specific applications.
   b. Penetrations should be spaced at least 1" (25 mm) apart to ensure proper wrapping and coating.
   c. Do not apply One-Part Pourable Sealer directly to hot stacks.

Application Continued

    d. For use on ballasted systems, pull ballast back, clean, apply liquid flashing as outlined above, and wait until **fully cured** before replacing ballast.

    e. On mechanically attached systems, mechanical securement at base of penetrations must comply with standard MAS requirements prior to application of liquid flashing.

Storage and Handling

1. Storage in a dry environment at 60 °F– 80 °F (16 °C – 27 °C) is recommended. Keep out of direct sunlight.
2. COMBUSTIBLE. Do not store or use around open flames, smoking areas, etc.
3. Avoid contact with skin, eyes, and clothing.
4. Refer to the applicable Safety Data Sheet (SDS) for more information.
5. Use within 30 days of opening.