



# SPECIFICATION

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## SUPPLEMENT

### G-11

## LIQUISEAL Liquid Flashing

July 2025

*The information contained in this supplement serves as a criteria for Specifiers and Authorized Contractors regarding the design and installation of Versico Roofing Systems and use of liquid flashing to complete tie-in details and flash unusual and round penetrations. In addition to the information contained herein, attachment details 1 through 3 are included to provide the Specifiers and Authorized Contractors with quick access to specific information. Specifiers and Authorized Contractors are advised to reference all applicable details included with this spec supplement.*

#### A. General

**LIQUISEAL Liquid Flashing** is a two-component, polyurethane-based system which creates a reinforced, cold-applied liquid flashing that is compatible with all Versico EPDM, TPO, PVC, and KEE HP membranes. LIQUISEAL Liquid Flashing is designed for use with oddly shaped penetrations and tying together dissimilar roofing systems without building an isolation curb or impeding drainage. LIQUISEAL Liquid Flashing is UV- and color-stable, solvent-free, low-VOC, and virtually odorless.

**LIQUISEAL Liquid Flashing** consists of the following products:

1. LIQUISEAL Resin – Two-component polyurethane-based resin, when mixed will be white or gray in color. Available in 0.56 gallon (2.1 l) sachets and 1.03 gallon (3.9 l) pails. Coverage rate of 13.6 square feet (1.26 meters square) per gallon (3.8 l).
2. LIQUISEAL Fleece – 50-mil thick, white, Non-woven, needle-punched polyester fabric reinforcement. Available in rolls of 13.8" (350 mm) and 27" (685 mm) widths by 164'-0" (50 m) length.
3. LIQUISEAL Metal Primer – A solvent-free, high solids, two-part, cold-applied polyurethane resin. Used to prime metal, EPDM, and other non-porous surfaces. Available in 0.25 gallon (0.9 l) sachets. Coverage rate of 25 square feet (2.3 square meters) per 0.25 gallon (0.9 l) sachet.
4. LIQUISEAL Concrete & Masonry Primer – A solvent-free, two-part, cold-applied liquid epoxy resin. Used with Surfacing Sand to prime concrete, masonry, and other porous surfaces. Available in 0.25 gallon (0.9 l) sachets and 1.1 gallon (4.2 l) pails. Coverage rate of 19 square feet (1.76 square meters) per 0.25 gallon (0.9 l) sachet.
5. LIQUISEAL Spiral Mixing Agitator – A 3" (7.62 cm) long steel spiral agitator with a 1/2" (1.27 cm) hex drive for use with handheld drills and mixers. Used to properly mix resin.
6. LIQUISEAL Surfacing Sand – Kiln-dried #00 - #35 graded sand suitable for broadcasting into LIQUISEAL Liquid Flashing Concrete & Masonry Primers for use in substrate preparation. Used with Concrete & Masonry Primer to promote proper adhesion and mechanical bond. Packaged in 50lb (22.6 kg) bags.

## B. Warranty

Projects meeting the conditions below can be eligible for a maximum 20 year System Warranty. Projects requiring extended wind speed coverage warranty must be submitted to Versico for review prior to installation.

## C. Precautions

1. Always store in a cool, dry location between 35 – 80°F (1.7– 27°C). Do not store in direct sunlight. Approximate shelf life is 12 months with proper storage. Best practice is to store material at 65 – 70°F (18 – 21°C) for 24 hours before use.
2. Do not install if ambient temperature is below 40°F (4°C) or above 90°F (32°C).
3. Do not break down work packs into smaller quantities; mix the entire work pack.
4. Prepare surfaces and pre-cut all fleece before mixing resin. Pot life will be shorter as ambient temperature rises.
5. Use appropriate safety glasses and protect hands and wrists by wearing gloves.

## D. Installation

1. **Surface Preparation:** Prepare all substrates by removing any irregularities and any loose or foreign material such as dirt, water, grease, oil, lacquers, or release agents. Prepare membrane by sanding with 60-grit sandpaper.

### 2. Metal Primer Application:

- a. All metal surfaces must be prepared using a grinder. Do not use a wire brush. Ensure that all metal surfaces are ground down to expose bare metal.
- b. Use membrane cleaner to wipe clean.
- c. Remove bag from the aluminum packaging. Knead cream-colored resin (Component A) thoroughly until a uniform color is achieved.
- d. Pull away the rubber cord separating the two components so that Components A and B can be mixed together. Knead the bag quickly and thoroughly for approximately 1 minute so that a homogenous primer is formed. The primer should be a uniform color, with no light or dark streaks present.
- e. After the primer is mixed, cut off one corner of the bag and pour all primer into a clean, new mixing pail. Working quickly, apply approximately 25 square feet (2.3 square meters) per 0.25 gallon (0.9 l) sachet. The primer should be rolled or brushed evenly onto the surface in a cross-directional method to fully cover the substrate in one application. Allow to set for approximately 3 hours or until fully cured prior to application of the LIQUISEAL Liquid Flashing Resin.

**Note:** LIQUISEAL Liquid Flashing Resin must be applied when the primer is completely dry and without tack. Do not apply LIQUISEAL Liquid Flashing Resin to tacky or wet primer.

### 3. Concrete & Masonry Primer Application:

- a. Prepare all substrates by removing any irregularities and any loose or foreign materials such as dirt, water, grease, oil, lacquers, or release agents using a grinder. All concrete substrates should be dry and fully cured.
- b. Remove bag from the aluminum packaging. Knead translucent yellow resin (Component A) thoroughly until a uniform color is achieved.
- c. Pull away the rubber cord separating the two components so that Components A and B can be mixed together. Knead the bag quickly and thoroughly for approximately 1 minute so that a homogenous primer is formed. The primer should be a uniform color, with no light or dark streaks present.

- d. After the primer is mixed, cut off one corner of the bag and pour all primer into a clean, new mixing pail. Working quickly, apply at a rate of approximately 19 square feet (1.76 square meters) per 0.25 gallon (0.9 l) sachet. The primer should be rolled or brushed evenly onto the surface in a cross directional method to fully cover the substrate in one application.
- e. After applying the primer, immediately broadcast LIQUISEAL Liquid Flashing Concrete & Masonry Preparation Sand into the uncured primer at the approximate rate of 50 lbs (22.6 kg) per 100 square feet (9.29 square meters). Allow to set for approximately 4 hours or until fully cured prior to application of the LIQUISEAL Liquid Flashing Resin.
- f. In warm climates, higher contents of moisture or vapor within a concrete substrate may cause pinholing of the primer due to vapor drive. Applying primer later in the day when temperatures are lower can improve this condition.

**Note:** LIQUISEAL Liquid Flashing Resin must be applied when the primer is completely dry and without tack. Do not apply LIQUISEAL Liquid Flashing Resin to tacky or wet primer.

#### 4. LIQUISEAL Liquid Flashing Application:

- a. Apply the appropriate primer to membrane and allow to flash off. Apply appropriate primer to all other surfaces to which flashing will be applied.
- b. Cut and prepare all reinforcing fleece before mixing resin.
  - i. For LIQUISEAL Resin in 1.03 gallon (3.9 l) Pail Packaging
    - 1. Mix resin (Component A) with a clean spiral agitator until the liquid is a uniform white or gray color.
    - 2. Add hardener (Component B) to Component A and mix with a spiral agitator for 2 minutes or until both liquids are thoroughly blended.
  - ii. For LIQUISEAL in 0.25 gallon (0.9 l) Sachet Packaging
    - 1. Remove bag from the aluminum packaging.
    - 2. Knead white or gray resin (Component A) thoroughly until a uniform color is achieved.
    - 3. Pull away the rubber cord separating the two components so that Components A and B can be mixed together. Knead the bag quickly and thoroughly for approximately 1 minute so that a homogenous resin is formed. The resin should be a uniform color, with no light or dark streaks present.
    - 4. After the resin is mixed, cut off one corner of the bag and pour entire sachet of resin into a clean, new mixing pail. Working quickly, apply at a rate of approximately 13.6 square feet (1.3 square meter) per gallon (3.8 l).
- c. Using a nap roller or brush, apply two-thirds of the resin evenly onto the substrate using even strokes.
- d. Roll the LIQUISEAL Liquid Flashing Fleece directly into the LIQUISEAL Liquid Flashing Resin, ensuring that the SMOOTH SIDE IS FACING UP (natural unrolling procedure) and avoiding folds, wrinkles, and air pockets.
- e. Apply the remaining one-third of the resin and use the roller or brush to work the resin into the fleece, saturating from the bottom up. All areas of the fleece should be completely saturated with resin.
- f. Repeat steps 'b through e' again for subsequent layers of resin and flashing as needed for detailing.

**E. Associated Installation Details**

Inspection, Cleaning & Substrate Preparation (Page 1 of 2)	Attachment 1
Inspection, Cleaning & Substrate Preparation (Page 2 of 2)	Attachment 1
Application of LiquiSeal Primer & Resin	Attachment 2
Sheet Metal Drip Edge or Gravel Stop Flashing	LF-1.1
Single and Multiple Pipe Penetrations (Page 1 of 2)	LF-8.1A
Single and Multiple Pipe Penetrations (page 2 of 2)	LF-8.1B
EPDM Membrane Tie-in with Existing Roof over Steel Deck	LF-13.1
PVC Membrane Tie-in with Existing Roof over Steel Deck (Page 1 of 2)	LF-13.2A
TPO or PVC Membrane Tie-in with Existing Roof over Steel Deck (Page 2 of 2)	LF-13.2B
Membrane Tie-in with Existing Roof over Concrete Deck	LF-13.3
Through-Wall Scupper	LF-18.1
Steel I-Beam Flashing (Page 1 of 2)	LF-30.1A
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Review the appropriate Versico warranty for specific warranty coverage, terms, conditions and limitations.