

Pecora XL-Flash

STPU Fast Curing Liquid Flashing & Joint Filler



SPECIFICATION DATA SHEET

BASIC USES

- Applied to exterior wall assemblies where it functions as an air barrier and a water resistive barrier. Pecora XL-Flash is used to seal rough openings and detail joints and bonds to common construction materials, such as aluminum, brick, concrete, wood, vinyl and exterior gypsum board.

MANUFACTURER

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PRODUCT DESCRIPTION

Pecora XL-Flash is an integral part of the Pecora XL-Perm System, a four step approach for complete air and vapor barrier protection for your building envelope. Pecora XL-Flash is a unique one part, fast curing, non-sag elastomeric STPU (Silyl-Terminated Polyurethane) gun grade, trowelable liquid flashing and joint sealant specially formulated for the Air and Vapor Barrier Industry.

Advantages:

- Resistant to ultra violet rays, ozone and airborne contaminants.
- High tensile/tear strengths, abrasion resistance, yet still provides 25% total joint movement
- Low VOC
- Primerless adhesion to most substrates
- May be used on damp surfaces

Limitations:

- Applications under prolonged water immersion.
- Surfaces contaminated with oils, dirt, or release agents.
- Not to be used in active joints

experiencing movement greater than 12 ½% in compression or extension

- Areas that are subjected to harsh chemicals such as acids, strong alkalis, ketones, etc

TECHNICAL DATA

Applicable Standards: Meets Federal Specification TT-S-00230C, Type II, Class B and ASTM C-920 Type S, Grade NS, Class 12.5

Exterior Wall Systems: Pecora XL-Flash was incorporated into UL FWFO Exterior Wall System EWS0024, successfully tested per NFPA 285.



Design Number: EWS0024

ABAA Evaluated: Pecora XL-Flash has been successfully evaluated as an air barrier accessory material to the XLPerm^{ULTRA} VP System.



INSTALLATION

See Related Products: Pecora AVB Silicone, air & vapor barrier silicone sealant; Pecora XL-Span, transitional seal membrane; Pecora XL-Perm^{ULTRA} VP, fluid applied, permeable STPU air & vapor barrier.

Joint Design: The width of active joints should be a minimum of 8 times the anticipated movement. The width or depth of the joint should not be less than 1/4" (6 mm). In joints up to 1/2" (12 mm), but not exceeding 1 1/4" (31 mm) the depth should be maintained at 1/2" (12mm). For joints wider than 1 1/4" (31 mm), please

PACKAGING

- 20 oz. sausages – 591 ml

COLOR

- Tru-White

consult our Technical Service department.

Surface Preparation: Proper surface preparation is extremely critical. All surfaces must be clean, dry and free of all foreign matter or contamination such as oil, grease, wax, bitumen, curing compounds, form-release agents or other coatings.

Old caulking materials should be removed from masonry joints by diamond grinding or sawing to sound virgin substrates to insure optimum performance of the new sealant. Metal surfaces must be free of rust, corrosion and protective coatings.

Priming: Priming is generally not required on typical exterior wall sheathing materials.

Coverage Rates:

Product	Theoretical Coverage
XL-Flash as a Liquid Flashing	50 – 60 sq ft / gallon 8 – 10 sq ft / 20 oz sausage
XL-Flash as a Joint Filler (1/4" x 1/4" bead)	275 – 300 lf / gallon 45 – 50 lf / 20 oz sausage

TABLE 1: TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	VALUE	TEST PROCEDURE
Cure Through (hours), .030 inch film	6	Pecora Corp
Adhesion to Concrete (pli)	35	ASTM C794
Elongation, ultimate (%)	225	ASTM D412
Hardness, Shore A Ultimate	55±5	ASTM C661
Tack Free Time(minutes)	30	ASTM C679
Tear Strength (ppi)	40±5	ASTM D624
Ultimate Tensile Strength (psi)	250	ASTM D412
VOC Content (g/L)	15	ASTM D3960
VOC Emissions (TVOC)	<2 ug (0.002 mg)/lou m	CDPH v1.1-2010 (CA Specification 01350)

Application:

Pecora XL-Flash as a Joint Filler:

Fill seams, gaps and static joints in wall substrates and rough openings, and around penetrating items with Pecora XL-Flash. Dynamic joints of 1/4" or greater will require the use of a backer rod prior to the Pecora XL-Flash application. In joints too shallow for backer rod, use a polyethylene bond-breaker tape to prevent three-sided adhesion.

Tool Pecora XL-Flash flush with surface of substrate.

Pecora XL-Flash as a Liquid Flashing:

Apply 1/2" bead of Pecora XL-Flash in a "Z" pattern to exterior wall surface adjacent to the rough opening.

Spread the flashing using a flat trowel to create a monolithic flashing membrane. Extend flashing a minimum 2 inches beyond the rough opening on exterior side of wall surface. If voids are present, apply additional flashing as necessary.

Apply 1/2" bead of Pecora XLFlash in a "Z" pattern to exposed framing located inside the rough opening.

Spread the flashing using a flat trowel to create a monolithic flashing membrane. Completely cover the inside of rough opening. Be sure to extend the flashing out and over flashing previously applied to exterior wall surfaces to create a monolithic membrane. If voids are present, apply additional Pecora XL-Flash as necessary.

Allow Pecora XL-Flash to cure before installing building components (windows, doors, waterproofing and air barriers).

Pecora XL-Flash, when used as a flashing membrane, is to be applied approximately at 20 - 40 wet mils.

Pecora XL-Flash is tack-free in 30 minutes at 70°F / 50% RH. Higher temperature and humidity will decrease tack free times, while lower temperature and humidity will extend tack free times.

Cleaning: Immediately remove all excess sealant and smears adjacent to joints with mineral spirits. Use mineral spirits for removing uncured sealant from equipment. Remove cured sealant by scraping, sandpaper, etc. (Caution: Mineral spirits is flammable and toxic. Observe cleaning solvent manufacturer's precautions.)

Shelf Life: Twelve months from date of manufacture when stored in original unopened container when below 80°F (27°C).

**FOR PROFESSIONAL USE ONLY.
KEEP OUT OF THE REACH
OF CHILDREN.**

AVAILABILITY AND COST

Pecora products are available from stocking distributors nationwide. For the name and telephone number of your nearest representative, call the number below or visit our website at www.pecora.com.

TECHNICAL SERVICES

Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance call our Technical Service Department at 800-523-6688

MAINTENANCE

If the sealant is damaged and the bond is intact, cut out the damaged area and recaulk. No primer is required. If the bond has been affected, remove the sealant, clean and prepare the joint in accordance with the instructions under "INSTALLATION".

WARRANTY

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for, or refund the purchase price of any product proven to be defective when used in strict accordance with our published recommendations and in applications considered by us as suitable for this product. The determination of eligibility for this warranty, or the choice of the remedy available under this warranty, shall be made in our sole discretion and any decision made by Pecora Corporation shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no case will Pecora be liable for damages other than those expressly stated in this warranty, including but not limited to incidental or consequential damages.

FILING SYSTEMS

CSI MasterFormat Designations:

- 07 25 00 - Weather Barriers
- 07 27 00 - Air Barriers
- 07 27 26 - Fluid-Applied Membrane Air



AIR BARRIERS