

Pecora XL-Wrap TWF



Foil Faced Self-Adhering Thru Wall and General-Purpose Flashing Membrane w/ Butyl Adhesive

SPECIFICATION
DATA SHEET

BASIC USES

- As a general purpose and thru wall flashing for use in masonry, concrete, wood, steel, exterior grade gypsum sheathing, polystyrene and roofing applications including, but not limited to, window and door lintels, sills, parapets, caps, spandrel beams and ICF (insulated concrete forms).

MANUFACTURER

Pecora Corporation

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PRODUCT DESCRIPTION

XL-Wrap TWF is a 45-mil cold applied, self-adhering membrane designed to act as a general purpose and thru wall flashing. The membrane is comprised of a durable cross laminated high-density polyethylene facer laminated to an exterior facing UV and weather resistant aluminum foil facer. XL-Wrap TWF utilizes a non-asphaltic, butyl-based adhesive that exhibits excellent adhesion and compatibility to a wide variety of building substrates. XL-Wrap TWF can be applied independently or as a component of the Pecora XL-Perm and ProPerm fluid applied air barrier systems.

Product Advantages:

- Enhanced compatibility with a diverse selection of substrates and coatings
- Cold applied
- Non-asphaltic, butyl-based adhesive
- Excellent Weatherability: UV & Water Resistant

- Enhanced adhesion to a variety of building substrates
- Low temperature application (10°F)
- Compatible with most joint sealants and construction adhesives
- Wide service temperature range (-45°F to 300°F)
- Fully compatible with Pecora XL-Perm and ProPerm VP air barrier systems and joint sealants.

Limitations

- Do not use in areas of continuous immersion.
- Do not apply to damp surfaces.
- Do not use in areas where service temperatures may exceed 300°F.
- Substrate temperatures at or below 32°F (0°C) will require the use of the Pecora XL-Wrap Prime membrane primer.

INSTALLATION

Pre-Project Testing:

- Apply a small test area to verify acceptable adhesion to substrates.
- Verify acceptable adhesion per ASTM D4541 Pull Off Adhesion Strength test procedures. A pull off adhesion strength value of ≥ 16 psi is considered acceptable.
- Consult Pecora Technical Services with inquiries regarding detailed application guidelines.

PACKAGING

- 4", 6", 9", 12" and 18" wide rolls
- 50' roll length

COLOR

- Silver Aluminum

Surface Preparation

Substrates should be clean, dry and free of contaminants, sharp edges and protrusions. Non-porous surfaces such as metal may require additional surface preparation involving one or a combination of the following: solvent wipe, abrading, or priming. A pre-project field or laboratory adhesion test is always recommended and will determine these requirements.

Application

Typical SAM procedures should be followed. Remove release paper prior to application. The use of Pecora XL Wrap-Prime at low temperature applications below 32°F (0°C) may be required. XL-Wrap TWF used as a thru wall flashing should be tied into the wall system or mechanically fastened with termination bar. If XL-Wrap TWF is not embedded in the masonry joint, apply termination bar at the top edge and seal with Pecora AVB Silicone Sealant or XL-Flash fluid applied flashing to mechanically fasten the flashing membrane. Overlaps of the flashing should be a minimum of 4" (100 mm).

TABLE 1: TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Test Procedure
Thickness, mils	45	Pecora Corporation
Tensile Strength, psi	400	ASTM D412
Elongation, %	>225%	ASTM D-412
Pull Off Adhesion Strength, psi	>17 psi	ASTM D4541
Water Vapor Permeance, perms	<0.05	ASTM E96, method B
Puncture Resistance, ppi	624	ASTM D4833
Color	Silver Aluminum	
Application Temperature, Ambient	10°F to 120°F	Pecora Corporation
Service Temperature	-45°F to 300°F	Pecora Corporation

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Where flashing sections overlap, the seam created by the overlap should be sealed with Pecora AVB Silicone Sealant or XL-Flash fluid applied flashing.

Open Cavity Installation Pecora XL-Wrap TWF should always be supported across openings within the wall cavity. Proper design should provide support with a cavity bridge to ensure the XL-Wrap TWF does not sag in the open cavity and allow for water collection.

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.

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 remedy available under this warranty, shall be made in our sole discretion and any decisions 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.

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 the Technical Service Department at 800-523-6688.

FILING SYSTEMS

- CSI MasterFormat Designations:
 - 04 05 23 Masonry Accessories
 - 07 65 00 Flexible Flashing
 - 07 65 13 Laminated Sheet Flashing
 - 07 65 26 Self-Adhering Sheet Flashing