PECORA AIR BARRIERS

WEATHER BARRIER SOLUTIONS

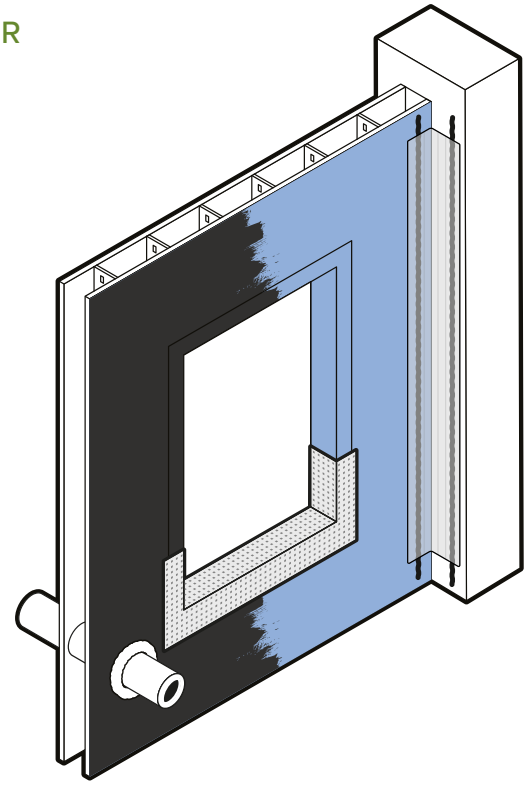
XL-Perm: Air-, Vapor-, and Water-Resistive Barrier System

PECORA PROTECTS

PECORA CORPORATION®
Architectural Weatherproofing

PECORA XL-PERM SYSTEM

COMPONENTS CAN BE USED ALONE OR TOGETHER
TO CREATE AN ENERGY-EFFICIENT WALL SYSTEM



1. PECORA XL-PERM ULTRA VP
Fluid-applied, permeable, STPU, air-, vapor-, and water-resistive barrier

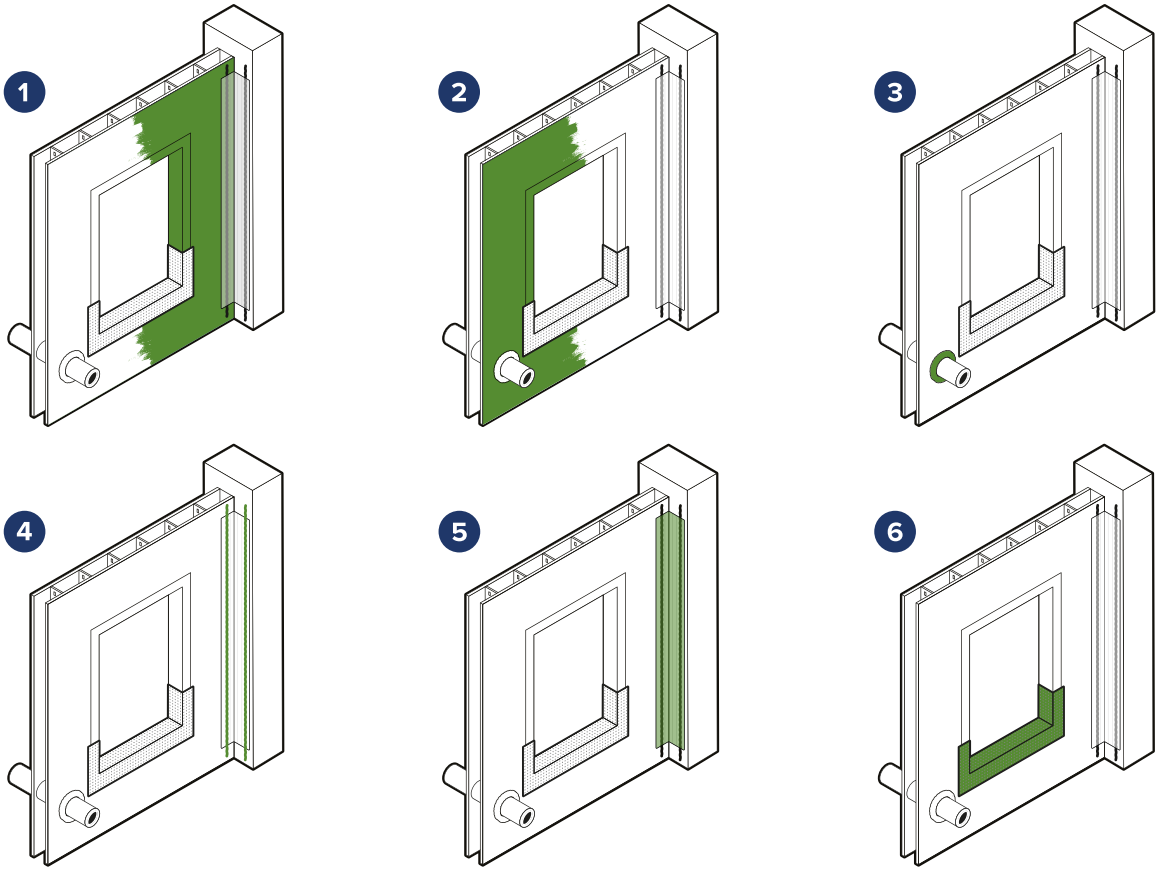
2. PECORA XL-PERM ULTRA NP
Fluid-applied, non-permeable, non-asphaltic, STPU, air-, vapor-, and water-resistive barrier

3. PECORA XL-FLASH STPU
STPU, fast-curing, liquid flashing/joint filler

4. PECORA AVB
Air- and vapor-barrier silicone sealant/adhesive

5. PECORA XL-SPAN
100% silicone extruded transition membrane

6. PECORA XL-WRAP Thru Wall Flashing (TWF)
Foil-faced, self-adhered, and general-purpose flashing membrane with butyl adhesive



PECORA XL-PERM: AIR-, VAPOR-, AND WATER-RESISTIVE BARRIER SYSTEM COMPARISON

FLUID-APPLIED, VAPOR-PERMEABLE, AIR/VAPOR/WATER-RESISTIVE BARRIER CHARACTERISTICS	XL-PERM ULTRA VP	STPE	SILICONE	ACRYLIC EMULSION
Sprayable	●		●	●
Rollable	●	●	●	●
10-degree F Application Temperature	●		●	
UV & Weather Exposure	2 Years	Variable	10 Years	Variable
VOC <100 g/L	●	●	●	●
One Coat Application	●	●	Variable	Variable
Use on Damp Substrates	●	●		Variable
Use on Green Concrete	●	●		Variable
Thin MILS (15 dry mils or less)	●	●	●	Variable
Primerless	●	●	●	Variable
Withstands Rain Immediately	●	●		
Rain Screen Compatible	●	●	●	Variable
Smoke and Flame Spread: Class A	●	●	●	●

XL-Perm's unique STPU (Silyl Terminated Polyurethane) composition utilizes robust formulating flexibility to deliver a red list free, fast-curing membrane. Pecora's durable, UV-resistant, hydrophobic, and thermally-stable STPU technology has over 20 years of successful in-service performance. Versatile hybrid STPU chemistry is compatible with silicone, acrylic, butyl, and asphalt waterproofing materials, and it adheres to exterior wall substrates without primer or blistering.

FLUID-APPLIED, NON-PERMEABLE, AIR/VAPOR/WATER-RESISTIVE BARRIER CHARACTERISTICS	XL-PERM ULTRA NP	NON-PERMEABLE ASPHALTIC	NON-PERMEABLE SYNTHETIC RUBBER	NON-PERMEABLE ACRYLIC EMULSION
Sprayable	●	Variable	●	●
Rollable	●	●	●	●
<20-degree F Application Temperature	●	Variable	●	
UV Exposure	1 Year	30–40 Days	120 Days	30 Days
VOC <50 g/L	●	●	●	●
One Coat Application	●	Variable	Variable	Variable
Use on Damp Substrates	●	Variable	Variable	
Use on Green Concrete	●	Variable	Variable	●
Thin MILS (16 dry mils or less)	●	Variable	Variable	Variable
Primerless	●	●	●	●
Withstands Rain Immediately	●	Variable	●	
Rain Screen Compatible	●		●	●
Smoke and Flame Spread: Class A	●	Variable	Variable	Variable

PECORA XL-PERM ULTRA VP

FLUID-APPLIED, PERMEABLE STPU AIR-, VAPOR-, AND WATER-RESISTIVE BARRIER

- Primerless application; can be sprayed or rolled in a single application.
- Excellent coverage of 85–110 sq. ft. per gallon.
- Low VOC.
- Eliminates construction delays; can be applied during inclement weather.
- Can be used on damp substrates and green concrete.
- Excellent weatherability: UV- and water-resistant for up to 2 years.
- Application viability down to 10 degrees Fahrenheit.
- Can be used as a durable UV- and weather-resistant barrier in rainscreen applications.
- Excellent elasticity and crack-bridging capabilities.
- Meets the requirements of NFPA285.

PECORA XL-PERM ULTRA NP

THE ONLY STPU-BASED, NON-ASPHALTIC, NON-PERMEABLE AIR BARRIER ON THE MARKET TODAY

- Primerless application; can be sprayed or rolled in a single application.*
- Excellent weatherability: UV- and water-resistant for up to 1 year.
- Low VOC—compliant in all areas of the U.S.
- Thin-mil application—17–20 wet, 15–17 dry.
- Coverage rate of 80–90 sq. ft. per gallon.
- Can be used as a durable UV- and weather-resistant barrier in rainscreen applications.
- Eliminates construction delays; can be applied during inclement weather.
- Can be used on damp substrates and green concrete.

*Consult Pecora Technical Service for approved airless sprayer equipment specifications.

PECORA XL-FLASH STPU

FAST-CURING LIQUID FLASHING/JOINT FILLER

- Primerless adhesion to most substrates.
- Abrasion-resistant, with high tensile/tear strengths, yet provides 25% movement capability.
- May be used on damp surfaces and in low temperatures.
- Low VOC—compliant in all areas of the U.S.
- Resistant to ultraviolet rays, ozone, and airborne contaminants.
- Easy gun and trowel application.

PECORA AVB

AIR- AND VAPOR-BARRIER SILICONE SEALANT/ADHESIVE

- Primerless adhesion to a wide variety of air/vapor membranes.
- Superior green strength.
- Excellent weatherability: virtually unaffected by UV, precipitation, ozone, and temperature extremes.
- Compatible with natural stone and other porous surfaces susceptible to staining or silicone fluid migration.
- Low VOC—compliant in all areas of the U.S.

PECORA XL-WRAP THRU WALL FLASHING (TWF)

FOIL-FACED, SELF-ADHERED, AND GENERAL-PURPOSE FLASHING MEMBRANE WITH BUTYL ADHESIVE

- Guaranteed uniformity in mil-thickness.
- Non-asphaltic, therefore greener for the environment.
- Fully compatible with all Pecora air- and vapor-barrier products and systems.
- Resistance to punctures in the thru-wall means reduced risk of a compromised building envelope.

Pecora XL-Wrap Thru Wall Flashing (TWF) is a 45-mil, cold-applied, self-adhered membrane that acts as a general-purpose and thru-wall flashing. The membrane is composed of a durable, cross-laminated, high-density polyethylene facer bonded to an exterior-facing UV- and weather-resistant aluminum-foil facer. XL-Wrap TWF uses a non-asphaltic, butyl-based adhesive that exhibits excellent adhesion as well as compatibility with a wide variety of building substrates. This product is primarily used to flash windows and can be applied independently or as a component of the Pecora XL-Perm and ProPerm fluid-applied air-barrier systems.

PECORA XL-SPAN

100% SILICONE EXTRUDED TRANSITION MEMBRANE

- High tear strength.
- Membrane is easily formed over irregular surfaces.
- Tapered edges for smooth transitions.
- Ribbed for improved flexibility and consistent sealant coverage.
- Translucent for accurate sealant/adhesive placement.

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THE PECORA PROTECTS PROMISE

The Pecora Protects Promise is about more than high-quality sealants, air barriers, and traffic coatings. It's a promise to you, to your project, and to your reputation. We're hands-on and always here when you need us. Ready to make recommendations, answer questions, work through decisions, and help you find the best solution for your job. It's a promise of partnership. Pecora—protecting projects and reputations since 1862.

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