

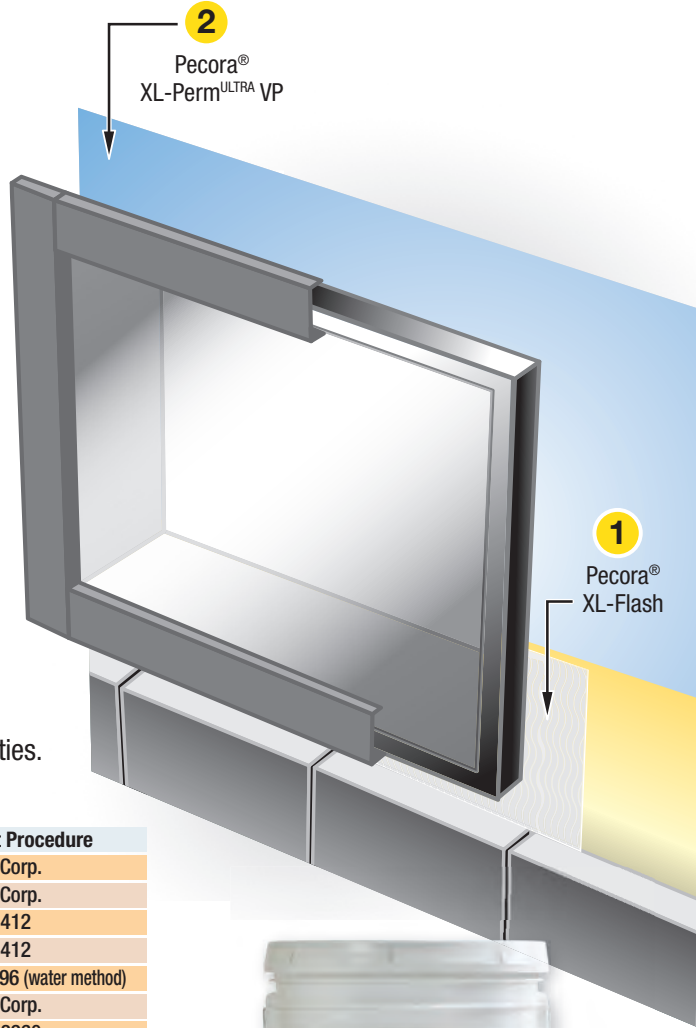
Step 2: Pecora XL-Perm^{ULTRA} VP Fluid Applied STPU:

- Primerless application, can be sprayed or rolled in one single application.
- Excellent coverage – 85 - 110 sq. ft. per gal.
- Low VOC, compliant in all areas of the U.S.
- Saves on labor cost and helps increase production rate with ease of application and the ability of being applied during inclement weather.
- Can be used on damp substrates and green concrete.
- Excellent Weatherability: UV and water resistant.
- Water and Air penetration resistant for normal and extreme weather conditions.
- Can be used as a durable UV and weather resistant barrier in rain screen applications.
- Highly elastomeric, low temperature crack bridging capabilities.

Pecora XL-Perm^{ULTRA} VP Specifications:

Test Property	Value	Test Procedure
Drying time of 15 wet mils	1hr. on CMU substrate	Pecora® Corp.
Coverage Rate, Theoretical	85 – 110 sq. ft./gallon	Pecora® Corp.
Modulus, 100 % Elongation (psi)	30	ASTM D-412
Elongation at Break,%	>1000	ASTM D-412
Water Vapor Transmission, perms	12 @ 10DFT	ASTM E-96 (water method)
Percentage Solids (weight), %	78	Pecora® Corp.
VOC (g/L)	<100	ASTM D-3960
Air Penetration of Building Materials, cfm/ft2 @75 Pa (1.57 psf)	0.00031	ASTM E-2178
Water Vapor Transmission @ recommended 8-12 mil DFT	Method A 11.42 Method B 12.71	ASTM E96
Surface Burn Characteristics	Class A Flame Index 10 Smoke Index 40	ASTM E84
Cone Calorimeter/Heat of Combustion (10 mil DFT)	THR 3.8 MJ/m2 Peak HRR 124kW/m2 EHC 8.9 MJ/kg	ASTM E1354
Low-Temp -15° F Crack Bridging	Pass	ASTM C1305
Two-story Exterior Non-Load Bearing Wall Assembly	Pass	NFPA 285

Color: Blue
Shelf Life: 12 months from date of manufacture when stored in original unopened containers at temperatures above 50° F. Protect from freezing when shipping and storage.



Design Number: EWS0024

Pecora AVB Silicone Sealant Adhesion to Air and Vapor Barriers¹

Self-Adhered Air & Vapor Barriers ²		
Carlisle CCW 705 Self-Adhering Vapor Barrier	Novaflex SA (by IPG)	Architectural Coatings
Carlisle CCW-711 Membrane & Flashing (70 & 90 mil)	Polyguard 650 Waterproofing Membrane	Pecora WeatherClad
Carlisle CCW MiraRRI 860/861	Protecto Seal 45 Foil Faced Exposed Membrane	StoCoat Lotusan
CETCO EnviroSheet	Protecto Wrap BT25XL	StoSico Lastic
CETCO GF-40	Protecto Wrap 100/40 Thru Wall Flashing	
Copper Sealite 2000	Protecto Wrap Super Stick Building Flashing	Air & Vapor Barrier Building Wraps
Dow Weathermate Straight Flashing	Tremco ExoAir 110/110LT	DuPont Tyvek Flashing System (Commercial & Home Wrap) ³
Dupont Flashing System	Tremco ExoAir 220 Fluid Applied Membrane	GreenGuard MAX Building Wrap
DuPont Tyvek FlexWrap	Tremco ExoAir TWF (Thru Wall Flashing)	Hardie Wrap Weather Barrier
DuPont StraightFlash	WR Meadows AirShield Self-Adhering Air Barrier	Typar HouseWrap
Fiberweb Aquaflex 500 Waterproofing Membrane	WR Meadows AirShield TWF	VaproShield WallShield (Green) Flashing ³
First-Wrap Moisture Barrier	WR Meadows Mel-Rol Waterproofing Air Barrier	VaproShield WrapShield (Orange) Flashing ³
Fortifiber FortiFlash Flashing Membrane	XtraFlash Plus Flashing	
Grace Ice & Water Shield HT Membrane		Accessories
Grace Perm-A-Barrier Wall Membrane	Liquid Applied Air & Vapor Barriers	DuPont Tyvek Tape
Grace Perm-A-Barrier Detail Membrane	BASF Enershield-HP Spray	Henry 925 BES Sealant
Grace Perm-A-Barrier Flashing	BASF Sonosield HLM 5000	Hohmann & Barnard X-SEAL Tape
Grace Perm-A-Barrier Aluminum Flashing	Carlisle BarriSeal	Hyload Structural Roofing Sealant ⁴
Grace VPS (Vapor Permeable Sheet)	Carlisle BarriSeal VP	Prosoco R-Guard Joint & Seam Filler (FR7200)
Grace Vycor V-40	Grace Perm-A-Barrier Liquid	Protecto Wrap Detail Tapes
Grace Vycor Plus & Pro	Grace Perm-A-Barrier VP	Protecto Wrap SafSeal Tapes
Grace Ultra Self Adhered Roofing Underlayment	Henry Air-Bloc 31 Air & Vapor Barrier Membrane	VaproShield VaproAluma Tape
HardieWrap Flex Flash	Henry Air-Bloc 32 Air & Vapor Barrier Membrane	
Hohmann & Barnard Textroflash Self-Adhered Flashing	Henry Air Bloc 33 UV Resistant Air & Weather Barrier	Other
Hohmann & Barnard Flex-Flash Flashing	Parex WeatherSeal Spray & Roll-On Membrane	Glass
Hohmann & Barnard X-Barrier Peel & Stick Barrier	Prosoco R-Guard Fast Flash (PM7000)	Stainless Steel
Henry Blueskin SA, SA LT, SA HT	Rub-R-Wall Airtight Air & Vapor Barrier Membrane	Mill Finish Aluminum, Anodized Aluminum
Henry Blueskin VP 100 ³	Sto AirSeal	Painted Metal (Kynar, Duranar, Fluoropon, Duracron, etc)
Henry BlueskinVP 160	Sto Gold Coat	Copper
Henry Folskin SA Weather Barrier Membrane	Sto Emerald Coat	Vinyl
Henry HE200AM Metal Clad Weather Barrier	Tremco ExoAir 120 SP/R (Spray/Roller Grade)	Wood (Bare and Stained)
Henry TWF (Thru Wall Flashing)	W.R. Meadows Air-Shield LM	Pecora Silspan Preformed Silicone Profiles
Hyload Flashing	W.R. Meadows Air-Shield LMP	Georgia-Pacific DensGlass Sheathing
	W.R. Meadows Air-Shield LSR	National Gypsum Gold Bond e [®] XP Sheathing
	XL-Perm ^{ULTRA} VP	

¹ The results reported here are not considered a substitute for project specific field or laboratory adhesion testing. Project specific adhesion testing is always recommended.
² Application to polyethylene only (where applicable). Contact with asphaltic side of peel and stick may result in discoloration and loss of adhesion. Since Pecora architectural sealants are applied to varied substrates under diverse environmental conditions and construction situations, it is recommended that substrate testing be conducted prior to application. If this is not possible prior to sealant application a field adhesion test may be conducted as outlined in Pecora's Technical Bulletin #55.
³ For use as an air seal only
⁴ Sealant must be fully cured prior to application of Pecora AVB sealant.

LEEDing the pack

Pecora Corporation is at the forefront in providing restoration and new construction products that contribute to the creation of beautiful buildings that are energy efficient, healthy for their occupants, and not harmful to the environment.

Let Pecora XL-Perm Air, Vapor, and Water Barrier System address your project's unique requirements in attaining LEED project status through sustainable performance and materials.



For more information on Pecora products, contact Pecora at 1-800-523-6688 for your nearest manufacturer's representative or visit our website at www.pecora.com for complete product and representative information.

For more information, please visit www.pecora.com

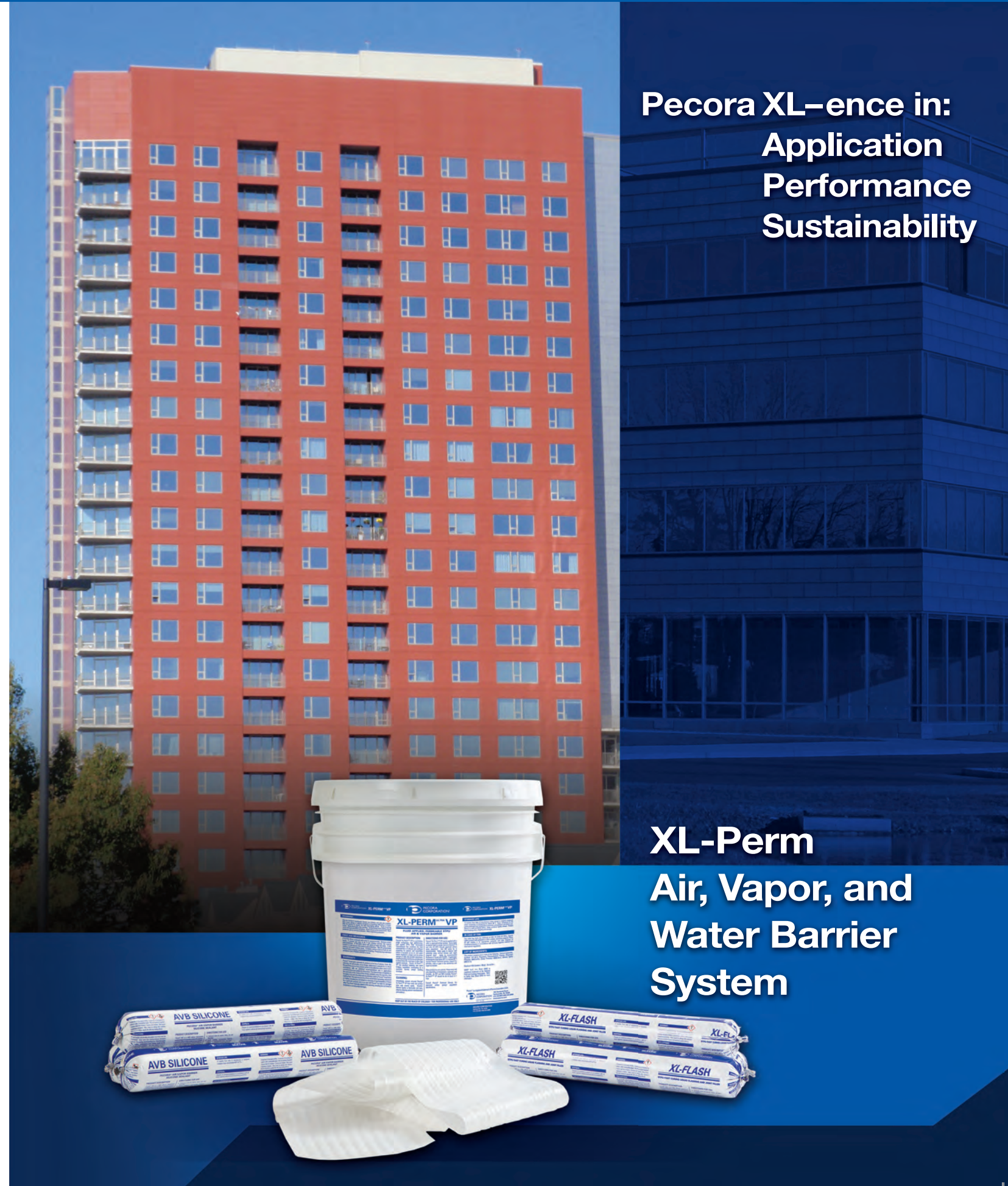
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Pecora XL–ence in:
Application
Performance
Sustainability



XL-Perm
Air, Vapor, and
Water Barrier
System



Pecora XL-Perm System an easy four step solution for an energy efficient wall system.



Assured Continuity of Air and Vapor Barrier Systems

The Pecora XL-Perm Air, Vapor, and Water Barrier System consists of fully engineered and compatible products that work in tandem to provide complete air and vapor barrier protection for your building envelope.

Step 1: Pecora XL-Flash STPU Fast Curing Liquid Flashing /Joint Filler:

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

Pecora XL-Flash Specifications:

Test Property	Value	Test Procedure
Elongation, ultimate (%)	225	ASTM D-412
Hardness, Shore A Ultimate	55 (±5)	ASTM C-661
Tack Free Time (minutes)	30	ASTM C-679
Tear Strength (ppi)	40 (±5)	ASTM D-624
Ultimate Tensile Strength	250	ASTM D-412
VOC Content (g/L)	15	ASTM D-3960

Product	Theoretical Coverage
Pecora XL-Flash as a Liquid Flashing	50 - 60 sq. ft./gallon
	8 - 10 sq. ft./20 oz. sausage
Pecora XL-Flash as a Joint Filler (¼" x ¼" bead)	275 - 300 lf/gallon
	45 - 50 lf/20 oz. sausage

Color: Tru-White Packaging: 20 oz. (592ml) sausages
Shelf Life: Twelve months from date of manufacture when stored in original unopened container when below 80°F (27°C).



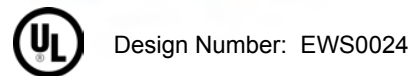
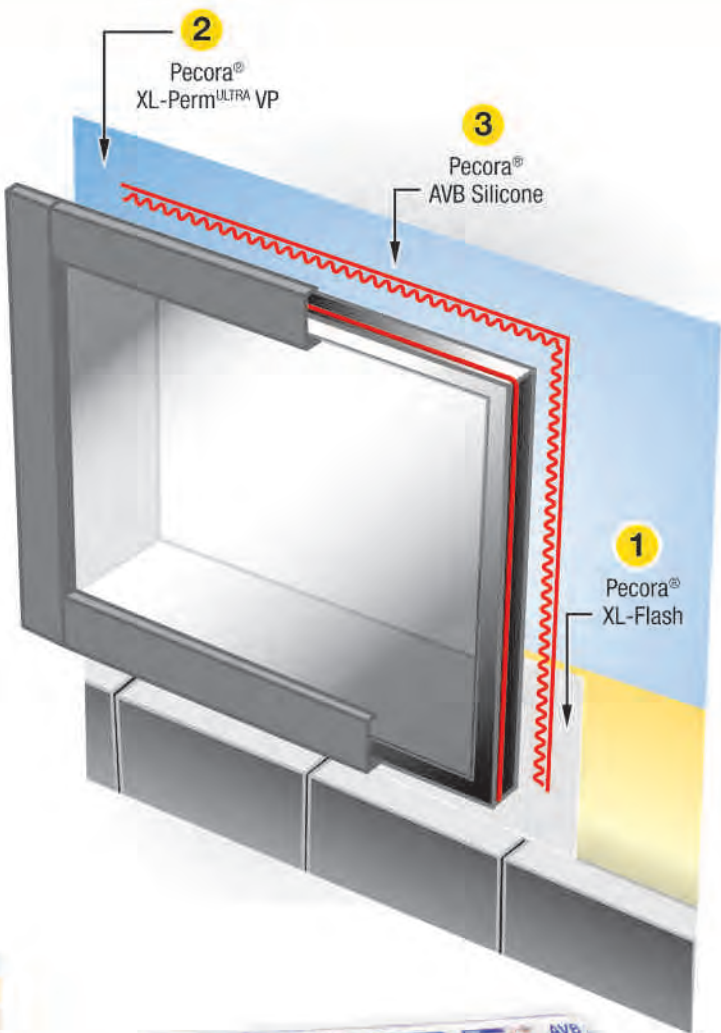
Step 3: Pecora AVB Silicone Sealant/Adhesive:

- 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 AVB Silicone Specifications:

Test Property	Value	Test Procedure
Dynamic Joint Movement (%)	± 25	ASTM C-719
Elongation (%)	1500	ASTM D-412
Tensile Strength (psi)	165	ASTM D-412
Modulus, 100 % Elongation (psi)	33	ASTM D-412
Tack-Free Time (minutes)	50	ASTM C-679
Adhesion	Pass	ASTM C-794
VOC Content (g/L)	98	ASTM D-3960

Color: Black Packaging: 20 oz (592ml) sausages
Shelf Life: 12 months from date of manufacture in original, unopened containers when stored at temperatures lower than 80°F (27°C).



Step 4: Pecora XL-Span 100% Silicone Extruded Transition Membrane:

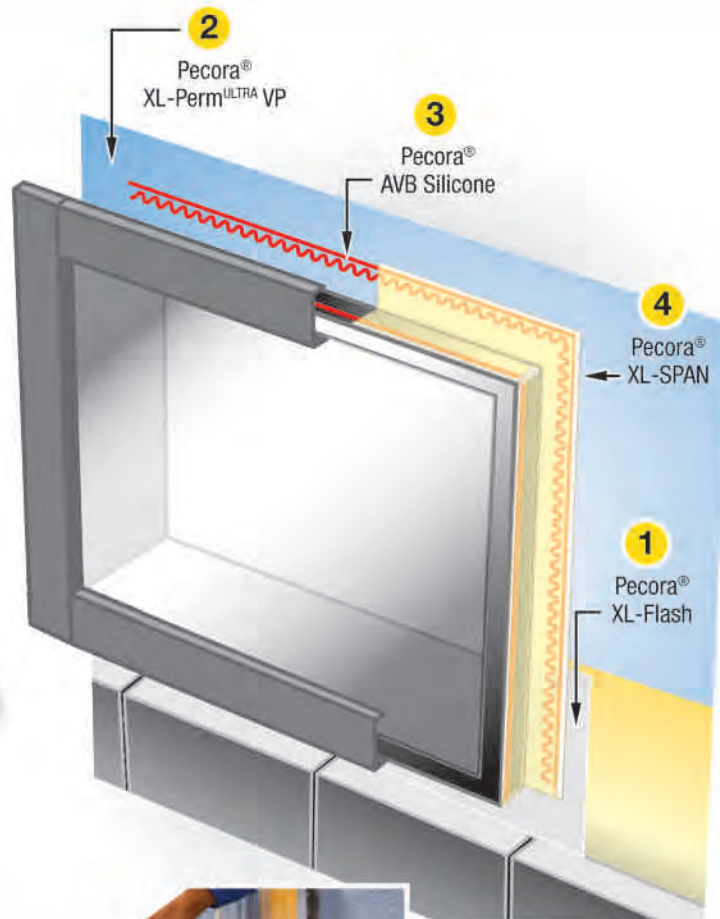
- High tear strength.
- Easily formed over irregular surfaces.
- Tapered edges for smooth transitions.
- Ribbed for improved flexibility and consistent sealant coverage.
- Translucent for accurate sealant/adhesive placement.



Pecora XL-SPAN Specifications:

Test Property	Value	Test Procedure
Dynamic Joint Movement (%)	+200/-100	ASTM C-719
Elongation (%)	750	ASTM D-412
Tensile Strength (psi)	1200	ASTM D-412
Modulus, 100 % Elongation (psi)	180	ASTM D-412
Tear Strength (ppi)	90	ASTM D-624

Color: Translucent Packaging: 9" x 50' / 6" x 50' / 4" x 50'
Shelf Life: Unlimited when stored at temperatures consistent with normal warehouse conditions.



Pecora XL-PERM Air & Vapor Barrier System Comparison:

Air/Vapor Barrier Properties	XL-PERM SYSTEM	Leading STPE	Leading Silicone	Leading Water Emulsion
Sprayable	✓	✓	✓	✓
Rollable	✓	✓	✓	✓
Exceptional UV Stability	✓	✓	✓	✓
VOC<100	✓	✓	✓	✓
One Coat	✓	✓	✓	✓
Use on Damp Substrates	✓	✓	✓	✓
Use on Green Concrete	✓	✓	✓	✓
Thin MILS (15 mils or less)	✓	✓	✓	✓
Primerless	✓	✓	✓	✓
Preformed Silicone Transition Membrane	✓	✓	✓	✓
Low Temperature Application	✓	✓	✓	✓

