

Pecora Pre-formed Silicone Transition Membrane

BASIC USES

- Used in combination with Pecora AVB Silicone Sealant/Adhesive to form an air and water tight barrier at transitions between building façade components such as fenestration products, roof to wall, internal expansion joints, and other openings in Air Vapor Barrier and Water Resistant Barrier systems.

MANUFACTURER

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PRODUCT DESCRIPTION

Pecora XL-Span Pre-Formed Silicone Transition Membrane utilizes a translucent high-molecular weight, 100% silicone composition. XL-Span Pre-Formed Silicone Transition Membrane is extruded to create a flat, ribbed profile which is designed to create an airtight transition seal between curtainwalls and the building envelope. These flat profiles are provided in a ribbed configuration in order to control adhesive thickness and maintain a consistent sealant configuration. XL-Span Pre-Formed Silicone Transition Membrane may also be used as a flashing material as well as a transition membrane between belowgrade and roofing materials to the building envelope.

Pre-formed Corners:

Pre-formed corners are available allowing for a less labor intensive application when transitioning curtain wall or window frames to exterior sheathing surfaces. Consult Pecora Technical Services for application procedures and details.

Product Advantages:

- High tear strength.

- Performs as a vertical odor containment barrier when used with odor control systems.
- Airtight transition seal between curtain wall and building envelope.
- Maintains elasticity at low temperature.
- Excellent weatherability: Because of its 100% silicone composition, it is virtually unaffected by UV, precipitation, ozone, and temperature extremes.
- Easily formed over irregular surfaces.
- Tapered edges for smooth transitions.
- Ribbed for consistent sealant configurations.

Limitations: Pecora XL-SPAN should not be used in the following applications:

- Below grade applications.
- Tight over sharp edges.

TECHNICAL DATA

Pecora XL-SPAN meets or exceeds the requirements of the following industry specifications:

ASTM C-1523

Acceptance by U.S. Department of Agriculture for use in meat and poultry processing plants.

INSTALLATION

Surface Preparation: Clean areas to be sealed by removal of foreign matter and contaminants such as oil, dust, grease, frost, water, surface dirt, old sealants or glazing compounds and any protective coating.

Porous substrates and precast concrete panels using form release agents other than polyethylene film should be cleaned by grinding, saw cutting, blast cleaning (water

PACKAGING

- 9' x 50'
- 6' x 50'
- 4' x 50'

COLOR

- Translucent

or sand), mechanical abrading or a combination of these methods which will provide a sound, clean and dry surface for sealant application. Dust, loose particles, etc. should be blown out of joints with oil-free compressed air or vacuum cleaned. Metal, glass and plastic surfaces should be cleaned by solvent procedure or by mechanical means. Soap or detergent and water cleaning treatments are not recommended. Cleaning of all surfaces should be done on the same day on which the sealant is applied.

Sealant/Adhesive Application:

Apply Pecora AVB Silicone adhesive/sealant in Z pattern and along edges and perimeters to form a continuous seal between Pecora XL-SPAN and building façade adjacent assemblies.

Apply even pressure to Pecora XL-SPAN preform to ensure intimate contact with Pecora AVB Silicone sealant/adhesive and building substrate.

Corners may be cut and formed in a manner similar to traditional window flashing. Always start at the bottom of assembly with all overlapped edges from the top towards the bottom.

Once perimeter is sealed, inspect sealant application for continuity by observation through translucent Pecora XL-SPAN membrane.

TABLE 1: TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	VALUE	TEST PROCEDURE
Dynamic Joint Movement (%)	+200/-100	ASTM C719
Elongation (%)	750	ASTM D412
Tensile Strength (psi)	1200	ASTM D412
Modulus, 100 % Elongation (psi)	180	ASTM D412
Tear Strength, ppi	90	ASTM D624

Priming: Pecora AVB Silicone sealant/adhesive does not require priming on most common air vapor barrier components. Consult Pecora TB-166 and TB-189 for specific recommendations on surface preparation of pre-approved air barrier components.

It is strongly suggested that adhesion pretesting is conducted either in the field or in our laboratory on all porous substrates, particularly brick, as well as unusual building materials and other substrates where special coatings or surface treatments may impair optimum adhesion. Where primer is indicated, P-150 should be used on porous substrates and P-120 on special metal and plastic surfaces. Pecora offers complimentary adhesion and stain testing in its laboratory on actual field samples of substrate from the jobsite or on representative samples from the same lots. Contact Technical Services for details.

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

CAUTION: Solvents may be toxic and/or flammable. Refer to solvent manufacturer's instructions or Safety Data Sheets.

Shelf Life: Pecora XL-SPAN has unlimited shelf life when stored at temperatures consistent with normal warehouse conditions.

Precautions: Use Pecora AVB Silicone adhesive/sealant with adequate ventilation or wear an appropriate NIOSH approved respirator. Contact with uncured sealant or with vapors generated during curing may cause respiratory tract irritation. Contact with skin or eyes may cause irritation

or allergic reaction. Avoid contact and wash thoroughly after handling. May be harmful if swallowed. Refer to Safety Data Sheet (SDS) for more information.

**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

WARRANTY

Pecora Corporation warrants Pecora XL-SPAN to meet the published specifications within the published shelf life. Under this warranty, we will provide, at no charge, replacement materials for or refund the purchase price of Pecora XLSPAN if proven to fail to conform to published specifications. 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 of 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 damage.

MAINTENANCE

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

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.

FILING SYSTEMS

- Sweet's Catalog File:
www.sweets.com
- 07 25 00 - Weather Barrier
- 07 26 00 - Vapor Retarder
- 07 27 00 - Air Barriers

