**BASIC USES**

- Adhesion to high density polyethylene peel and stick laminates.
- Adhesion to liquid applied air and vapor barriers and building wraps.
- Termination and transition seals.
- Joint sealant for difficult to adhere to surfaces.
- Adhesive for Pecora XL-Span Silicone Transition Membrane system.

**PRODUCT DESCRIPTION**

Pecora AVB Silicone is designed as an integral component for transition seals between dissimilar materials in air and vapor barrier systems.

**Product Advantages:**

- Primerless adhesion to difficult to adhere to weather resistant barriers.
- Excellent weatherability: Because of its 100% silicone composition, it is virtually unaffected by UV, precipitation, ozone, and temperature extremes.
- Resilient: Will remain flexible under extreme temperature conditions.
- Superior green strength.
- Compatible with natural stones and other porous surfaces susceptible to staining or silicone fluid migration.

**Limitations:**

Pecora AVB Silicone should not be used in the following applications:

- Water immersion or below grade applications.
- On surfaces requiring painting with traditional organic based coatings.
- As a structural glazing sealant.

**TECHNICAL DATA**

Pecora AVB Silicone meets or exceeds the requirements of the following industry specifications:

- ASTM C920 Type S, Grade NS, Class 25.
- Use G, M, A and O (Polyethylene)
- Acceptance by U.S. Department of Agriculture for use in meat and poultry processing plants.

**INSTALLATION**

Surface Preparation: Clean all surfaces 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 solvent procedure or by mechanical means. Soap or detergent etc. should be blown out of joints with oil-free compressed air or vacuum cleaned.

**PACKAGING**

- 20 oz. (592ml) sausages

**COLOR**

- Black

**CAUTION:** Solvents may be toxic and/or flammable. Refer to solvent manufacturer’s instructions or Material Safety Data Sheet.

**Priming:** Pecora AVB Silicone does not require priming on most common substrates including most air and vapor barrier materials. When sealing surfaces not pre-approved by the Pecora Technical Service group, we strongly suggest adhesion pretesting, either in the field or in our laboratory.

Where primer is indicated, P-225 should be used on porous substrates and P-120 on non-porous 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 Service for details.

**TYPICAL PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>TEST PROPERTY</th>
<th>VALUE</th>
<th>TEST PROCEDURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic Joint Movement (%)</td>
<td>≤25</td>
<td>ASTM C719</td>
</tr>
<tr>
<td>Elongation (%)</td>
<td>1500</td>
<td>ASTM D412</td>
</tr>
<tr>
<td>Tensile Strength (psi)</td>
<td>165</td>
<td>ASTM D412</td>
</tr>
<tr>
<td>Modulus, 100% Elongation (psi)</td>
<td>33</td>
<td>ASTM D412</td>
</tr>
<tr>
<td>Tack-Free Time (minutes)</td>
<td>50</td>
<td>ASTM C579</td>
</tr>
<tr>
<td>Adhesion</td>
<td>Pass</td>
<td>ASTM C794</td>
</tr>
<tr>
<td>VOC Content (g/L)</td>
<td>98</td>
<td>ASTM D3960</td>
</tr>
<tr>
<td>VOC Emissions (TVOC)</td>
<td>&lt;2 ug (0.002 mg/m³)</td>
<td>CDPH v1.1-2010 (CA Specification 01350)</td>
</tr>
</tbody>
</table>

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.
Application:

Transition Seals: Care should be taken to avoid sealant application to adjacent surfaces. Sealant should be applied in a continuous operation using sufficient material to ensure continuous air seal and adhesive performance. A minimum 3/8” bond line is recommended to achieve sufficient bonding and air barrier performance. Apply sufficient uniform pressure to ensure contact to all surfaces to be joined.

Joint Applications: Proper sealant dimensions are critical when installing elastomeric joint sealants. Generally, a sealant width-to-depth ratio of 2:1 is recommended. Dynamic joint conditions will require a minimum 1/4” width and 3/16” depth in order to maintain the sealant’s movement capabilities. For joints greater than 1’, consult Technical Services. Lap shear joints should have a bead width which is equal to or greater than the total anticipated movement. Small curtainwall panels and lites should allow a minimum width of 1/4” (6 mm) for the sealant bead. Larger panels for which a great deal of movement is expected should allow a minimum width of 1/2” (12 mm) for the sealant bead. Glazing of plastic lites and panels fabricated from plastic require larger than usual joint dimensions due to the high coefficients of thermal expansion/contraction.

Tool Time: (Initial Skin): 25-35 minutes at 77°F (25°C), 50% humidity. Higher temperatures and/or humidity will shorten this time.

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.)

Shelf Life: Pecora Air-Vapor Barrier has a shelf life of 12 months from date of manufacture when stored in unopened sausages at temperatures lower than 80°F (27°C), or 9 months in tightly-sealed bulk packages at temperatures lower than 80°F (27°C).

Precautions: Use 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 Air-Vapor Barrier Silicone 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 Air-Vapor Barrier Silicone 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 all and any other warranties, expressed or implied, including but not limited to a warranty of merchantability and/ or fitness for a particular purpose.

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.”