

# Pecora AIS-919

Acoustical and Insulation Latex Sealant

## Specification Data Sheet



### 1. BASIC USES

- Reduction of sound transmission through partition systems. Insulation of openings around windows, doors, panels, siding, ductwork, base plates, etc.
- Weatherproofing seal where moderate movement is anticipated.

### 2. MANUFACTURER

Pecora Corporation  
165 Wambold Road  
Harleysville, PA 19438  
Phone: 215-723-6051  
800-523-6688  
Fax: 215-721-0286  
Website: www.pecora.com

### 3. PRODUCT DESCRIPTION

Pecora Acoustical and Insulation Latex is a one-part, water based, acrylic sealant. It is available in non-sag (gun grade) and sprayable versions. Enhanced adhesion and weatherability are attained by using high quality ingredients, including a silicone additive.

#### Features:

- Compatibility and primerless adhesion to most common building materials.
- Superb color stability and UV resistance.
- Compatible with premium grade latex and oil based paints.
- Will not stain adjacent surfaces.
- Movement capability of 7½% extension and 7½% in compression.

#### PACKAGING

- 30.0 fl. oz. (887ml) cartridges
- 5 gallon (18.9L) pails NonSag
- 5 gallon (18.9L) pails Sprayable

#### COLOR

- Available in Tru-White

#### Limitations:

- Protect from water for at least 24 hours after application.
- Windows must be weeped or entrapped water could cause reversion.
- Sealant must be given additional time to fully cure before windows are installed because of the closed-in conditions.

### 4. TECHNICAL DATA

**Applicable Standards:** Meets or exceeds the requirements of ASTM C834, ASTM E90, ASTM C919, and ULC System No. JF144 (sprayable version). Refer to Typical Physical Properties Chart for additional information.



### 5. INSTALLATION

**Joint Design:** The width of the joint should be approximately 12 times the anticipated movement and should fall within the range of 1/4" (6mm) to 3/4" (19mm) wide. The depth of the joint should be 1/4" (6mm) minimum and 3/8" (9mm) maximum.

**Surface Preparation:** Surfaces must be free of contaminants. Sealant may be applied to damp porous surfaces. No priming necessary.

#### Application:

##### Non-sag, gun grade:

Install resilient backer rod to control depth of sealant. Apply continuous beads of sealant to joints and voids around windows, doors, panels, siding, ductwork, base plates, etc. Tool sealant flush with surface.

##### Spray grade:

- Airless spray equipment: Graco 5900; 3,000 PSI; minimum nozzle orifice size of 0.027 inch (#427). Maximum 50 feet of 3/4" diameter hose length.
- Apply a continuous spray to joints and voids around windows, doors, panels, siding, ductwork, base plates, etc. Maximum wet film thickness of 250 mils by utilizing an 8 inch spray pattern and holding nozzle 12 inches from target.

**Clean up:** Water may be used to remove excess sealant from substrate and to clean tools before cure; after cure, the sealant must be removed with mechanical means.

### TYPICAL PHYSICAL PROPERTIES

AT 77°F (25°C); 50% R.H.

| Properties                                    | Value    | Test Methods |
|---|----------|--------------|
| Adhesion loss (%)                             | <0.5     | ASTM C736    |
| Adhesion loss after artificial weathering (%) | <1.0     | ASTM C732    |
| Cracking                                      | None     | ASTM C732    |
| Discoloration                                 | None     | ASTM C732    |
| Slump   | None     | ASTM C732    |
| Wash-out                                      | None     | ASTM C732    |
| Elongation, ultimate (%)                      | 400-500  | ASTM D412    |
| Extrudability (gram/sec)                      | 9.8      | ASTM C731    |
| Low-temperature flexibility (pass/fail)       | Pass     | ASTM C734    |
| 100% Modulus (psi)                            | 15-20    | ASTM D412    |
| Recovery (%)                                  | 90       | ASTM C736    |
| Slump (in/mm)                                 | 0.05/1.3 | ASTM D2202   |
| Stain index                                   | 1.1      | ASTM D2203   |
| Tack-free time (pass/fail)                    | Pass     | ASTM D2377   |
| Tensile, ultimate (psi)                       | 30-40    | ASTM D412    |
| VOC Content (g/L)                             | 31       | ASTM D3960   |
| Volume Shrinkage (%)                          | 21.9     | ASTM C733    |

**Shelf life:** 12 months from date of manufacture when stored in original unopened containers below 80°F (26°C).

**FOR PROFESSIONAL USE  
ONLY KEEP OUT OF THE  
REACH OF CHILDREN.**

**6. 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](http://www.pecora.com).

**7. 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.

**8. 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 instructions under "5. INSTALLATION."

**9. TECHNICAL SERVICES**

Local Pecora representatives are available to assist you in selecting an appropriate product, to provide on-site application instructions or to conduct job-site inspections. For further information and assistance, please call our Technical Services department at 800-523-6688.

**10. FILING SYSTEMS**

- Sweet's Catalog File: [www.sweets.com](http://www.sweets.com)
- General Building
  - 07100 Waterproofing
  - 07920 Sealants
- Civil Engineering
  - 07100 Waterproofing



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