

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
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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.

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 "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 215-723-6051 or 800-523-6688.

10. FILING SYSTEMS

<http://www.4specs.com>
 07 10 00 Waterproofing
 07 92 00 Sealants



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