Andersen™ Installation Materials
Installation Foam

ANDERSEN®
WINDOWS & DOORS

Technical Data

Product Description

Andersen Installation Foam is a one-component, minimal pressure build, expanding polyurethane foam that is specially formulated for sealing around the frames of Andersen® window and door products. This foam is compatible with all Andersen windows and doors as well as other Andersen recommended installation aids. The foam expands to create an air barrier and repel water, and when applied properly, is proven not to distort or bow window and door frames in a wide variety of environmental conditions.

Product Applications

Andersen Installation Foam is ideally suited for the installation of Andersen windows and doors in a variety of new construction and remodel/replacement applications. Andersen Installation Foam is designed to form a durable interior air seal and water resistant bond to a wide range of building materials including: Andersen vinyl, wood and metal surfaces. Once the foam creates a skin, it repels and deflects moisture.

Features and Benefits

- Low expansion and pressure build rates.
- Closed cell foam for minimal moisture absorption.
- Wide application temperature range.
- Expands to take the shape of cracks and gaps; aiding in stopping drafts.
- Removes gaps for insect pathways.
- Industry leading cut time.
- Flexible.
- Dimensionally stable.
- Meets or exceeds the AAMA 812 Standards.

Packaging

Available in 20 oz. can. Foam applicator gun sold separately.

Shelf Life

For best results, use within 18 months of the manufacturing date printed on the label.

Storage

Unopened cans should be stored in a dry location between 60° and 80°F. Open cans should remain on applicator gun with valve closed and stored with the can in the upright position.

Approvals/Classifications

AAMA 812-04
Exceeds AAMA 812 requirements for pressure build and dimensional stability.

UL Classification
Classified per UL 723 as under UL File R13655

ICC-ES ESR -1961
Evaluated as an insulating sealant.

Technical Data:

Characteristic	Standard	Value
Compressive Strength	ASTM D1621	3.0 psi
Apparent Density	ASTM D1622	1.29 pcf
Pressure Build	AAMA 812 95° F 75% RH (Miami, FL) 110° F 10% RH (Phoenix, AZ) 40° F 85% RH (Seattle, WA) 36° F 20% RH (Great Falls, MT)	Pressure 0.8 psi 0.6 psi 1.0 psi 1.7 psi
Shear Strength	ASTM C273	7.3 psi
Tensile Strength	ASTM D1623	9.5 psi (Type B)
Dimensional Stability	AAMA 812 104° F 90% RH 86° F 30% RH -4° F	% shrink 0.7% -0.5% -0.3%
Open Cell Content	ASTM 6226	<75% Open cells
Elongation	D1623	18.9% (Type B)
Flame Spread/ Smoke Development	UL 723 (ASTM E84)	10/20
ENVIRONMENTAL CONDITIONS		
Application Temperature	40°- 110° F	
Service Temperature	Do not expose cured foam above 240° F	
Relative Humidity (RH) Requirements	Greater than 20% RH. When RH is below 20%, a light mist with water immediately after application is required to get proper foaming.	
Storage Conditions	For optimal shelf life, store can in a dry location between 60° and 80° F. Do not store can in temperatures greater than 120° F.	

Directions for Use

- Read product instructions and safety messaging prior to use.
- Failure to follow all directions can result in injury or death.
- Recommended usage temperature: 60-90°F (15-32°C); optimal 75°F (23°C)
- Handle responsibly.
- Use protection to avoid all contact with skin and eyes, such as gloves and safety glasses.
- Visit andersenwindows.com for surface preparation information.
- SHAKE vigorously – minimum 60 seconds. Shaker ball must tap. To free shaker ball, rap firmly against base of hand.
- Invert can and screw onto adapter of the foam applicator gun.
- Adjust flow control screw on back of foam applicator gun to an open position. Immediately press trigger to fill applicator gun with foam while dispensing into an appropriate waste receptacle.
- Keep can inverted during use.
- Use flow control screw to adjust bead size.
- Fill gaps <50%. Mist with water to speed cure. Not to be used for filling closed cavities or voids.
- If product does not flow easily, do not force product from can.
- For window and door installation into residential and commercial applications only. Not recommended for other applications.

Surface Preparation

Prior to installation, surfaces should be wiped clean and free of dust, wax, oil, grease, release agents and other materials that may interfere with adhesion.

Compatibility

Andersen Installation Foam conforms to stringent internal Andersen standards for compatibility. Andersen Installation Foam is compatible with all other Andersen recommended installation materials.

Disposal

Empty cans of Andersen Installation Foam are considered non-hazardous waste per the U.S. Resource Conservation and Recovery Act (RCRA) and state guidelines. Recycling is recommended.

If cans have unused product remaining in them it is considered hazardous waste and disposal must be done in accordance with Federal, State, and local regulations (http://www.epa.gov/osw/laws-regs-haz.htm). RCRA federal law provides broad definitions and each state may make variations for what constitutes an empty aerosol can, so please consult your local laws to determine the definition of an empty aerosol can.