



AEROBARRIER X1

AEROSOL-APPLIED, WATERBORNE ACRYLIC SEALANT

Product Data Sheet

Product Description

AeroBarrier X1 is a stable, non-toxic, aerosol-applied, waterborne acrylic sealant. AeroBarrier is a patented air sealing system that uses a computerized process to pressurize the building and install AeroBarrier X1 to seal leaks in the building enclosure from the inside. The particles deposit only at the leak sites and build to form a complete and tight seal, remaining firmly in place for years while staying completely pliable and flexible. By reducing air leaks through the building envelope, it is possible to reduce energy loss, help mitigate moisture damage, and enhance overall comfort and health of the building.

Features and Benefits

- Seals leak up to ½” and as small as a human hair.
- Most economical to install at rough in or drywall stage of construction but can be applied to unoccupied, finished spaces.
- In multi-family applications, a tighter building envelope offers reduction in noise transmission, mitigates odor transfer, reduces pest migration and enhances climate control.
- Sealant does not stick to vertical surfaces like walls, windows, or doors.
- AeroBarrier X1 is UL GreenGuard Gold certified and is safe to use in any type of building.
- Ultra-Low VOC and has no off-gassing.

Applicable Standards

AeroBarrier X1 has been tested to the following industry standards:

- GreenGuard Gold Certification
- CAN/ULC S102 and UL 723: Standard Test Method for Surface Burning Characteristics of Building Materials
- CAN/ULC S101 - Standard methods of fire endurance tests of building construction materials
- UL 263 - Fire tests of building construction and material
- ASTM C719: Standard Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement
- ASTM D543: Standard Practices for Evaluating Chemical Compatibility
- NFPA 285*: Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components
- ASTM E2357*: Standard Test Method for Determining Air Leakage of Exterior Air Barrier Assemblies

* Included as an optional interior application or interior wall system component

Limitations

- AeroBarrier is intended for use on the interior surfaces of residential and commercial building envelopes.
- Do not apply to damp, contaminated or frost-covered surfaces.
- Not to be used on a permanently exposed surface.
- When applying in cold weather conditions, follow cold weather applications/protocols as defined by manufacturer.
- Keep product from freezing.





Storage

Store AeroBarrier X1 in original, undamaged packages in a clean, dry, protected location with temperatures from 40°F to 100°F (5°C to 37 °C).

Shelf Life

1 year when stored in accordance with storage instructions.

Sealant Information

Property	Description
Part Number	FS00119
Packaging	5-gal (19-L) pails
Weight	45 lbs (20.41 kg)
Storage Temperature	40 to 100 °F (5 to 37 °C) <i>Do Not Freeze</i>
Shelf Life	1 year
Application Temperature	Above 40 °F (5 °C) and rising. If installing below 40 °F (5 °C), please refer to the Cold Weather Operation Technical Bulletin or contact Tech Support.

Technical Data

Property	Description
Sealant Base	Acrylic
Color	White
Dispersion	Water
Application	Aerosol
Solids	18.5% to 21.5%
VOC per CDPH 1.2 (2017)	< 0.22 mg/m3

Warranty

AeroBarrier warrants its products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, AeroBarrier makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to AeroBarrier Products. Aeroseal’s sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of AeroBarrier Products proven to be defective, and Aeroseal shall not be liable for any loss or damage.

Please refer to our website for the most up-to-date Product Data Sheets.



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NOTE: All AeroBarrier Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) requirements.

Precautions

Installer should wear full-face respirator with an organic vapor-type breathing cartridge, if inhalation exposure is possible. Keep out of reach of children. Refer to full SDS sheet for health hazard information. For use and application by trained AeroBarrier certified and professional installers only.

