Energy Seal Coatings

Energy Efficient Building Solutions

Duct Seal: AM

Acrylic Mastic

DESCRIPTION

Duct Seal: AM is a versatile, brush grade, elastomeric fiber-free duct sealant designed for both indoor and outdoor use.

USES

Duct Seal: AM is a premium-grade, water-based duct sealant designed for brush application. It forms a flexible, durable seal on low-, medium-, and high-pressure duct systems, including those constructed to UL 181 A-M and B-M standards. This product offers excellent adhesion to galvanized steel, aluminum, flex duct, and fiberglass duct board. Suitable for indoor use.

FEATURES & BENEFITS

- Superior Protection - forms a durable, “rubber-like” seal, vibration resistant.
- Ideal for sealing holes, cracks, gaps and joints.
- Very low odor, ideal for indoor use.
- With a thick, brush-on consistency it allows for quick and effortless application.
- 100% acrylic elastomeric mastic.
- Superior adhesive and cohesive strength.
- Plasticizer-free caulk will not dry out or become brittle.
- Contains a strong mildewcide / fungicide.
- Easy to use, easy clean up, non-toxic and VOC compliant water-based mastic.
- Resistant to failure by expansion and contraction.
- Excellent flow and leveling, leaving a smooth consistent finished look.

PREPARATION

All surfaces to be sealed must be clean, dry and free of any oil, grease or dirt. Keep the container closed when not in use.

Do not apply when rain or freezing temperatures occur within 36 hours of application. Do not thin.

APPLICATION

Duct Seal: AM may be used to seal duct systems built to UL 1818 A-M and B-M construction standards. The following procedures reflex Energy Seal Coating’s recommended installation method based on typical duct construction practices.

1. Apply only to clean, dry, oil-free surfaces.
2. Use a chop brush or similar tool to apply continuous seal.
3. Typical wet film thickness: 1/6” to 1/8”
4. Allow sealant to dry thoroughly before pressurizing the system

Keep mastic at room temperature before use.

Duct Seal: AM

Contributes to LEED® Credit Requitements

V.O.C.
<50 g./lit.

Rev 1224

Manufactured by Advanced Coating Systems, Inc.

www.energy-seal.com

Seal It. Conserve It. Protect It.

800-587-3758

Duct Seal: AM

Clean-Up
Clean brushes and equipment with warm, soapy water before the product dries.

Do not allow mastic to freeze, prior to application.

Technical Data:

Property	ASTM	Result
Color:	Internal	White, gray, and black
Viscosity, dm:	D-217-94	70 000 cps
Vapor Density, gr/ ml:	D 1475	<1 ± 0.02
Surface Burning Class:	E84	Class A
Percent Solids:	D 1644	65.0% ± 2 %
Coverage:		Up to 320 lineal feet at 3", 20 Mils
Application Temperature:		35°F to 110°F
Pressure rating:		16 inch w.c.
Fungi Resistance:	G 21	Zero growth
Smoke Development Index:	E84	10
Flame Spread Index:	E 84	5
Fungi Resistance:	G 21	Zero growth
pH Value:		8.5 - 9.5
Base:	Water-based acrylic	
ASTM E84 Test Standard:	Ensure compliance with IBC, NFPA, and local code req.	

Packaging: 1-gallon can and 5-gallon bucket

Self-Life: 12 months (unopened)

Storage: Store in cool, dry place. Protect from freezing.

"This product was tested to ASTM E84 under the name Duct Seal: BG"

CAUTION: Keep all containers covered when not in use. Dispose of all containers in accordance with state and local environmental regulations. Keep away from children. If ingested, DO NOT induce vomiting. Call Physician immediately.