

800-009



Water Based Duct Sealant Mastic



- **Fiber Reinforced**
- **For Indoor and Outdoor Use**
- **Seals Low, Medium and High Pressure HVAC Duct Systems**

1 GALLON

- DiversiTech Water Based Duct Sealant is a fiber reinforced sealant for use on all types of HVAC duct systems.
- May be used for indoor or outdoor applications.
- Pressure rated to 10" water column.
- Satisfies SMACNA requirements for all Sealing and Pressure Classes.
- Store unopened for up to 18 months at temperatures above 35F and below 115F.
- Service temperature is -40F to 200F. Do not freeze or apply at freezing temperatures.

APPLICATION INSTRUCTIONS

Apply only to clean dry surfaces. Apply after duct is installed. All oil, grease, dirt and foreign matter must be removed prior to application. Spread evenly at a rate of 80 sq. ft. per gallon (or 20 mils. wet film thickness) with brush or caulking gun onto well fitted joints. Ensure that all mechanical fasteners are coated. When connections do not fit properly, bridge gaps greater than 1/2" by embedding fiberglass reinforcement tape in DiversiTech Water Based Duct Sealant, followed by a finish coat. Allow 12 to 24 hours drying time (depending on temperature, relative humidity and application thickness) prior to test. Do not thin or add any product to this duct sealant. Clean tools with warm water and soap.

UL 181 APPLICATION INSTRUCTIONS

Materials must be applied in strict accordance with the following instructions in order to comply with the requirements of UL 181, to

maintain the Class 1 rating, and to maintain the duct manufacturers' warranty. For either application below, allow 48 hours drying time, minimum (depending on temperature, relative humidity, and application thickness), prior to test or system startup.

UL 181 A-M DUCTBOARD

1. Fold grooved ductboard to form the module, making certain that both ends are flush and the shiplaps are properly sealed.
2. Staple the ductboard flap on 2" centers using outward clinching staples.
3. Spread mastic base coat onto the surface at a minimum rate of 10 mils. wet film thickness 3" wide over stapled joint.
4. Embed fiberglass scrim tape (5 mils. thick, 20x10 plain weave) into base coat.
5. Finish with a top coat of mastic, applied at 10 mils. minimum wet film thickness.

UL 181 B-M FLEX DUCT

1. Coat around the collar fitting with mastic at 20 mils. wet film thickness, 3" wide.
2. Pull back jacket and insulation from the liner core. Slide 2" of the inner core over the mastic and collar. Secure with a mechanical fastener.
3. Pull the jacket and insulation back over the core. Secure jacket in accordance with Flex Duct installation instructions.

LIMITED WARRANTY

DiversiTech Corporation will replace any material proved to be defective at time of shipment. The suitability of the product for any intended use shall be solely at the discretion of the user.

Underwriters Laboratories Inc.
Classified Caulking and Sealants
20NF
Surface Burning Characteristics
Applied to Inorganic, Reinforced Cement Board+

Flame Spread-5
Smoke Developed-0

+Tested as applied in two 1/4" wide strips
8" on center and covering 2.5 percent of
the test sample area.

LISTED



UL 181A-M
UL 181B-M

Tested in accordance with UL 723,
ASTM E-84 and NFPA 90A, 90B and 225

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