AIRSEAL® 11

PREMIUM
WATER BASED DUCT SEALANT

LEED COMPLIANT

FEATURES

- *LEED EQ Credit 4.1*
- *High Solids Formula*
- *Formulated Indoor and Outdoor use*
- *Seals High Pressure HVAC Duct Systems*
- *Exceeds all SMACNA Pressure and Sealing Classes.*
- *Has excellent mold and mildew resistance.*

TECHNICAL SPECIFICATIONS	
Packaging	(24) 10.5 oz. tubes, (4) 1 gal./case, 2 gal. pail, 5 gal. pail, 55/53 gal. drum
Shelf Life	18 months in unopened containers
Pressure Rating	Maximum 16" water column pressure
Coverage Rate	Approximately 100 sq. feet per gallon @ 16 mils. wet film thickness.
Solids Content	73% 2.5% by weight
Weight per gal.	11.4 lbs. ± 0.3 lbs.
Color	Gray
Temperature Limits	Storage and application... 35ºF to 110ºF Service..... -40ºF to 200ºF **Protect From Freezing.** If frozen, completely thaw prior to use. Passes 5 Freeze-Thaw Cycles.
Class 1 Smoke and Flame Rating LEED COMPLIANT SCAQMD Rule 1168	UNDERWRITERS LABORATORIES INC. CLASSIFIED CAULKING AND SEALANTS Applied to organic, Reinforced Cement Board. Flame Spread .....5 Smoke Developed .....0 10YF Tested in accordance with UL 723, and ASTM E-84. Satisfies the requirements of NFPA 90A, 90B, and 225.
Clean Up	Use warm soap and water

RECOMMENDED USES

AIRSEAL 11 is a UL 181 A-M & B-M listed premium quality, high solids, high velocity duct sealant used to pressure seal all types of HVAC duct systems.

APPLICATION INSTRUCTIONS

Apply to clean, dry surfaces, free from oils, dirt, and foreign matter. Spread at a minimum 16 mils. wet film thickness with a brush, or pump into well fitted joints. Seal all joints, seams, and penetrations in the ductwork to ensure an airtight system. Dries to touch in one (1) hour. Prior to pressure testing, allow 12 - 24 hours dry time depending on temperature, humidity, and application thickness. Do not apply on outdoor surfaces within 5 hours of possibility of rain or freezing temperatures.

UL 181 A-M & B-M APPLICATION INSTRUCTIONS:
Materials must be applied in strict accordance with the following instructions in order to meet the requirements of UL 181. Allow 48 hours dry time minimum for UL 181 applications.

UL 181 A-M DUCT BOARD:

1. Fold grooved duct board to form the module, making certain that both ends are flush and the shiplaps are properly sealed.
2. Staple the duct board 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, 20 x 10 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 FLEXIBLE DUCT / METAL 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 inner 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 core. Secure jacket in accordance with Flexible duct installation instructions.

Polymer Adhesives Sealant Systems Inc., is proud to be affiliated with the following organizations:

SMACNA NFPA® HARDI

UL LISTED
UL 181A-M
UL 181B-M
10YF

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