

ACESEAL MASTIC (MAS)

Water-Based Duct Sealant/Mastic

ACESEAL MASTIC (MAS) is a fiber-reinforced, water-based sealant for use on all types of HVAC duct systems to seal duct joints. **ACESEAL MASTIC (MAS)** meets the requirements of UL 181 A-M & UL 181 B-M, and is pressure rated to 10" water column. Suitable for indoor or outdoor use.

FEATURES & BENEFITS

- Complies with ASTM Designation E-84 (Flame Spread Index ...0, Smoke Developed ...0).
- Indoor or outdoor use.

DIRECTIONS for USE: For systems exempt from UL181A-M/B-M: Apply **ACESEAL MASTIC (MAS)** after duct has been installed at temperatures between 35°F and 200°F. Surfaces must be dry and clean, free of all oil, dirt, grease and other foreign matter. Spread at an even rate of 80 sq. ft. per gallon to well fitted joints with brush, trowel, putty knife or caulking gun. Insure all mechanical fasteners are covered. For joints that 0.25", embed fiberglass re-enforcement tape in **ACESEAL MASTIC (MAS)** and then apply a topcoat. Allow 12 to 24 hours dry time. Clean tools with warm soapy water. Remove cured **ACESEAL MASTIC (MAS)** with solvent - using required safety precautions.

For systems subject to UL181A-M/B-M: Method 1: Fold grooved duct board to form module, making certain that both ends are flush and male/female shiplaps firmly sealed. Staple duct board flap using 1/2" (minimum) outward clinching staples on 2" centers. Spread **ACESEAL MASTIC (MAS)** base coat evenly, working the material into the surface with the brush bristles at the rate of 80-160 sq. ft. per gallon (10-18 mil. wet fil thickness), approximately 3-1/4" wide, centered over staple joints. Fiberglass scrim re-enforcement is required for duct board joints and connections, 5 mil thick 20x10 plain weave, weighing 1.75oz/sq. yd. Embed scrim in base coat. Press firmly into mastic with brush. Finish with second coat of **ACESEAL MASTIC (MAS)**, between 10 to 18 mil. thick, working the mastic until the scrim is filled.

Method 2: Coat collar, pipe, fitting or sleeve with **ACESEAL MASTIC (MAS)** at the rate of 45 to 80 sq. ft. per gallon (20-36 mil. wet film thickness). Approximately 3" wide, starting at the end of the collar, pipe, fitting or sleeve, Use with mechanical fasteners per Air Duct installation instructions. Pull back jacket and insulation from core. Slide at least 2" of core over the collar, pipe, fitting or sleeve. Close and secure the mechanical fastener over the core. Pull jacket and insulation back over core. Secure jacket and insulation in accordance with Air Duct Installation instructions.

Special Instructions for UL181A-M/B-M Applications: Materials must be applied in accordance with the above directions to comply with the requirements of UL181, to maintain the Class 1 rating and the duct manufacturer's warranty. Apply **ACESEAL MASTIC (MAS)** to clean, dry surfaces, which are free of oil, grease, dirt or any other foreign matter. Allow at least 48 hours drying time prior to test or system start-up. Longer drying times may be required due to humidity, temperature, etc.

SAFETY: If ingested, seek IMMEDIATE medical help. Use eye protection when spraying. In the event of eye contact, flush eyes with clean water for 15 minute. Seek IMMEDIATE medical assistance. Avoid prolonged breathing of spray mist and/or contact with skin.

CAUTION: KEEP OUT OF THE REACH OF CHILDREN. Store in cool, dry place. Protect from freezing.

PHYSICAL PROPERTIES

APPEARANCE	.....	Paste
COLOR	.....	Grey/White
ODOR	.....	Solvent
pH	.....	N/A
SPECIFIC GRAVITY	.....	N/A
PACKAGING	.....	4x1-gallon/cs

Read Safety Data Sheet overleaf.