



AEROSEAL DUCT SEAL

AeroSeal DUCT SEAL is a stable, non-toxic, non-flammable emulsion of water and vinyl acetate polymer that is aerosolized into 4-10 micron-sized particles and distributed under pressure throughout the inside of the duct system. The particles deposit only at the leak sites and build to form a tenacious and tight air seal, remaining firmly in place for years while staying completely pliable and flexible. Seal remains effective over a wide range of operating pressures, temperatures and humidity levels found in residential, commercial and industrial air duct systems.

TECHNICAL DATA

Part number	AERO-006B
Packaging	4 x 1-gallon plastic bottles per case
Color	Milky white (wet); Clear (dry)
Base	Vinyl acetate polymer
Dispersion	Water
Weight	8.2-8.8 lb. per gallon
Solids content	35%-40% max
Viscosity	>1 centistoke @ 68°F
Coverage	0.4 to 2 gal/hr seal rate
Flexibility	Remains flexible indefinitely
Time to test	Dry to the touch upon application. Can test within 10 min. of application
Service temp.	Approximately -20°F to 480°F
Moisture resistance	Very good
Mildew resistance	Mold & mildew resistant
VOC	10.7 g/l (Dried sealant)
Pressure	SMACNA: Up to 10 inches w.g.
Seal Class	Meets SMACNA Seal Class A

PREPARATION

First, manually repair any leaks found during duct inspection >5/8" span, and remove accumulated dust/dirt build-up in ducts if >1/8".

NOTE: Ducts can be cleaned after AeroSeal application.

APPLICATION

Temperature	0°F to 110°F
Method	AeroSeal SmartSeal or HomeSeal machines only
Rate	Internal coverage at all joints, seams and penetrations, 0.4 to 2 gal/hr seal rate
Clean up	(Liquid) Mild soap and hot water or AeroSeal emulsifier (Dried) AeroSeal adherent remover or citrus-based cleaners

STORAGE

Temperature	32° to 120°F, DO NOT FREEZE
Shelf Life	Indefinite (Unopened)
Flammability	Non-flammable

SPECIFICATION/STANDARDS COMPLIANCE

Property	Test Method	Results
Mold Growth	UL1381	No evidence of growth
Accelerated Aging	ASTM E2342-10	Pass
Leakage Reduction	ASTM E2342-10	Pass
Erosion	UL1381	Pass
Burning	UL1381	Pass
Durability	UL1381	Pass

Packed 4 one-gallon bottles per case.



	CAULKING AND SEALANTS 32HK
	SURFACE BURNING CHARACTERISTICS
	FLAME SPREAD 0 SMOKE DEVELOPED 0
* Applied to inorganic reinforced cement board tested as applied at a rate of 400FT ² per gallon.	

	UL1381
	Outline of Investigation for Aerosol Duct Sealants.

PRECAUTIONS

Use only in well-ventilated areas. Installers should wear dust or fume respirator if inhalation exposure is possible. Fume respirator should have organic vapor-type breathing cartridge if full, prolonged exposure to aerosol is necessary. Keep out of reach of children. Refer to full MSDS sheet for health hazard information. For use and application by trained AeroSeal professional installers only.

Phone: 937.428.9300
Fax: 937.428.9304



7989 S. Suburban Road
Centerville, OH 45458
www.aeroseal.com

Updated: 12/14