



UL 1381
Outline of investigation
for Aerosol Duct Sealants.

Certified Low
VOC Product



Aeroseal Duct Seal LT

Aeroseal Duct Seal is a stable, non-toxic, non-flammable emulsion of water-based acrylic 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	FS00168
Packaging	4 x 1-gallon plastic bottles per case
Color	Milky white (wet); Clear (dry)
Base	Acrylic 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
Pressure	SMACNA: Up to 10 inches w.g.
Seal Class	Meets SMACNA Seal Class A

Storage

Temperature	32° to 120°F, DO NOT FREEZE
Shelf Life	24 months (2 years)
Flammability	Non-flammable

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 400FT² per gallon.



Nonfood Compounds
FC
Aerosol Outfitter



NGBS
GREEN

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	>40°F
Method	Aeroseal Gen 2.1, HomeSeal Connect and HomeSeal Advance machines
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 (Dried) Citrus-based cleaner or Buckeye Workout

Specification/Standards Compliance

PROPERTY	TEST METHOD	RESULTS
Mold Growth	UL1381	No evidence of growth
VOC	CDPH 1.2 (2017)	Pass (≤ 0.5 mg/m ³)
Accelerated Aging	ASTM E2342-10	Pass
Leakage Reduction	ASTM E2342-10	Pass
Erosion	UL1381	6000FPM
Burning	UL1381	Pass
Durability	UL1381	Pass

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 SDS sheet for health hazard information. (aeroseal.com/sds). For use and application by trained Aeroseal professional installers only.