



# 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

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

<b>Temperature</b>	>40°F
<b>Method</b>	Aeroseal SmartSeal or HomeSeal machines only
<b>Rate</b>	Internal coverage at all joints, seams and penetrations, 0.4 to 2 gal/hr seal rate
<b>Clean up</b>	(Liquid) Mild soap and hot water (Dried) Citrus-based cleaner or Buckeye Workout



## STORAGE

<b>Temperature</b>	32° to 120°F, DO NOT FREEZE
<b>Shelf Life</b>	18 months (1.5 year)
<b>Flammability</b>	Non-flammable

## SPECIFICATION/STANDARDS COMPLIANCE

PROPERTY	TEST	METHOD RESULTS
<b>Mold Growth</b>	UL1381	No evidence of growth
<b>Accelerated Aging</b>	ASTM E2342-10	Pass
<b>Leakage Reduction</b>	ASTM E2342-10	Pass
<b>Erosion</b>	UL1381	Pass
<b>Burning</b>	UL1381	Pass
<b>Durability</b>	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<sup>2</sup> per gallon.



**UL 1381**  
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 SDS sheet for health hazard information. ([www.aeroseal.com/sds](http://www.aeroseal.com/sds)) For use and application by trained Aeroseal professional installers only.

