



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

|                            |   |
|----------------------------|---|
| <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>                | Acrylic 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<br>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>Pressure</b>            | SMACNA: Up to 10 inches w.g.  |
| <b>Seal Class</b>          | Meets SMACNA Seal Class A   |

### Storage

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

Packed 4 one-gallon bottles per case.

|  |  |              |   |                 |
|--|--|--------------|---|-----------------|
|  | <b>CAULKING AND SEALANTS 32HK</b>  |              |   |                 |
|  | <b>SURFACE BURNING CHARACTERISTICS</b>   |              |   |                 |
|  | <table border="0"> <tr> <td>FLAME SPREAD</td> <td>0</td> </tr> <tr> <td>SMOKE DEVELOPED</td> <td>0</td> </tr> </table> | FLAME SPREAD | 0 | SMOKE DEVELOPED |
| 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. |  |              |   |                 |



### 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<br>(Dried) Citrus-based cleaner or Buckeye Workout |

### Specification/Standards Compliance

| PROPERTY                 | TEST METHOD     | RESULTS                         |
|--------------------------|-----------------|---------------------------------|
| <b>Mold Growth</b>       | UL1381          | No evidence of growth           |
| <b>VOC</b>               | CDPH 1.2 (2017) | Pass (≤ 0.5 mg/m <sup>3</sup> ) |
| <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                            |

### 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](http://aeroseal.com/sds)). For use and application by trained Aeroseal professional installers only.