



## **#1600 WATER-BASED LOW/HIGH VELOCITY AIR DUCT SEALANT**

### **PRODUCT DESCRIPTION**

Lucas #1600 Water-Based Low/High Velocity Air Duct Sealant is an acrylic elastomeric mastic is intended for application to sheet metal and fiberglass air ducts. A high degree of rubber-like elasticity allows this product to accommodate wide swings in temperature and significant movement. Lucas #1600 is UV stable may be used for exterior or interior applications. #1600 is available in a standard non-fibred version, as well as #1600F Fibred Water-Based Low/High Velocity Air Duct Sealant

### **APPLICATION**

**Sheet Metal:** Apply with a 2.5" chip brush 1/32 to 1/16 inch thick (20-40 mils) to the male fitting before seating it. All joints must be riveted to limit movement. Apply a second coat over the top of the joint. Drying time until activation of the system is 12 hours. For exterior applications and areas where higher than normal movement is expected, embedding 4" Tietex polyester reinforcement into the mastic over the joint is recommended. Low temperatures or high humidity will significantly extend dry time.

**Rigid Fiberglass:** Apply with a chip brush 1/16 inch thick, Embed 4" Tietex Polyester Fabric. Apply an additional coat at 1/16 inch thick to the top of the fabric. (approx 80 mils total).

**Flexible:** Apply with a chip brush 1/16 inch thick after the air duct has been mechanically fastened per instructions. Minimum cure time is 24 hours.

**Clean up:** Clean up wet product with water.

**Shelf Life:** One year from the date of manufacture.

**CAUTION:** Avoid prolonged contact with or inhalation of fumes. Do not take internally. If swallowed, do not induce vomiting. Contact medical personnel immediately. Read SDS prior to use. For professional use only. Emergency phone number 1-800-424-9300.

### **#1600 SPECIFICATION**

SMACNA Seal Class A, B, C  
SMACNA Pressure Class -.5", 1", 2", 3", 4", 6" 10"

Viscosity	ASTM D 2196	800,000 cps
Solids by Weight	ASTM D 1644	64%
Solids by Volume	ASTM D 2697	59%
Weight Per Gallon	ASTM D 1147	11.2 lbs.
Tensile Strength	ASTM D 2370	300 psi
Elongation	ASTM D 2370	350%
Water Vapor Trans	ASTM E 96	.6 perms
Flame Spread	ASTM E 84	5
Smoke Develop.	ASTM E 84	0
Mold Growth	UL181	Pass
Flash Point	ASTM D 56	NA
VOC	EPA 24	< 25 g/l

Container Sizes:

1600: 10 oz., 1, 2, 3.5, 5 gallon

1600F: 1, 3.5, 5 gallon

Colors: White

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