



# SPRAY-SEAL™

## Indoor/Outdoor Water Based Duct Sealant

SPRAY-SEAL is an **all purpose sealant** for use on all types of metal duct, glass fiber duct board, and flex duct, as well as duct fabric and flexible tubing runouts. Distinguished by its ability to accommodate minor vibration and movement, **SPRAY-SEAL stays flexible without cracking** which **saves call-back labor**. **SPRAY-SEAL's excellent coverage rate** and **easy spray application** provide **low installed cost** while providing Hardcast's **proven reliability**.

### TECHNICAL DATA

<b>Color</b> .....	Gray
<b>Consistency</b> .....	Spray Grade
<b>Base</b> .....	Synthetic latex
<b>Solvent</b> .....	Water
<b>Weight per Gallon</b> .....	11.3 +/- .3 lbs. (5.126 +/- .126 kg)
<b>Solids Content</b> .....	67% +/- 2
<b>Viscosity</b> .....	>60 +/- 10K cps
<b>Coverage (per gal.)</b> .....	Up to 320 lin. ft. at 3" width, 20 mil thickness
<b>Flexibility</b> .....	Passes ¼ in. mandrel bend @ -25°F (-31.6°C)
<b>Time to Test</b> .....	48 hours*
<b>Service Temperature</b> .....	-20°F to 200°F (28.8°C to 93.3°C)
<b>Water Resistance</b> .....	Excellent
<b>Mildew Resistance</b> .....	Mold & Mildew resistant
<b>VOC</b> .....	52 g/l
<b>Pressure Classes</b> .....	SMACNA ½, 1, 2, 3, 4, 6 and 10 inches w.g.
<b>Seal Classes</b> .....	SMACNA A, B, C
<b>Packaging</b> .....	5 gallon (18.9 liter) pails
<b>Freeze/Thaw Stability</b> .....	Passed 5 Cycles
<b>Specifications Compliance</b> .....	Passes ASTM C-731, ASTM D-2202. USDA, EPA and FDA Approved. LEED compliant SCAQMD Rule 1168.

\*May vary according to temperature and humidity

**CLASSIFIED**  
**C UL US**  
**CAULKING AND SEALANTS**  
**94PF**  
SURFACE BURNING CHARACTERISTICS  
FLAME SPREAD..... 0  
SMOKE DEVELOPED..... 0

\*Applied to inorganic reinforced Cement Board \*Tested as applied in one 3 in. (76.2 mm) wide strip, on center covering 16.7 percent of the exposed test sample area) at a coverage of 80 sq. ft/ gal (2 sq. M/L).  
Flash point of finished sealant, closed cup : No flash to boiling.

**LISTED**  
**UL**  
**17NF**  
**UL 181B-M**  
Mastic closure systems for use with flexible duct systems or connectors.

City of Los Angeles Approval RR#8069

### SPRAY-SEAL PART NUMBERS

1 - 5-Gallon Pail .....304133

### APPLICATION

<b>Temperature</b> .....	40°F to 110°F (4.4°C to 38°C)
<b>Method</b> .....	For spray, use Hardcast Sealant Delivery System
<b>Preparation</b> .....	Surface must be dry, dirt, oil, and grease free.
<b>Rate</b> .....	Apply at joints and fasteners 20-30 mil thick wet film
<b>Clean Up Wet</b> .....	Soap and water
<b>Clean Up Dry</b> .....	UN-TACK™ or Solvent (Use safe handling practices.)
<b>Painting</b> .....	Only latex or epoxy paints

### STORAGE

<b>Temperature</b> .....	35°F to 110°F (1.7°C to 44°C) DO NOT FREEZE
<b>Shelf Life</b> .....	One year (unopened)
<b>Flammability</b> .....	Non-flammable

### PHYSICAL PROPERTIES

Property	Test Method	Results
Mold Resistance	ASTM 5590	no growth
Tensile Strength	ASTM 412	175 psi
Low Temp Crack Bridging	ASTM 1305	Pass @ 0° F
Low Temp Flexibility	ASTM 1970	Pass @ -5° F



### PRECAUTIONS

Surface must be clean and free of moisture, contamination and foreign matter. Do not allow this product to freeze. Apply when temperatures will not fall below freezing for at least 36-48 hours, depending on temperature and humidity. Do not apply this product where temperatures will exceed 200°F. Keep out of the reach of children. Review MSDS for complete safety information prior to use. **DO NOT** use where acidic or alkaline chemicals are present (ie., lab fume hood, vents, etc.)

**For Industrial Professional Use Only.**

For additional information contact:



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