



# Miracle KINGCO



## D-619

(Kingco 11-376)

### Water Based Duct Sealant

D-619 is WATER BASED SEALANT designed for indoor and outdoor use on all conventional high medium or low pressure or high velocity – metal, fiberglass and flexible heating and air conditioning duct systems. D 619 exhibits excellent strength, flexibility and resistance to heat and cold.

**COLOR:** Gray

**ODOR:** Bland when wet; odorless when dry

**BASE:** Synthetic, elastomeric emulsion.

**VOLATILE MATERIAL:** Water

**DENSITY:** 10.7 ± 0.5 lbs. per gallon

**SOLIDS CONTENT:** 71% ± 2%.

**VISCOSITY:** 150,000 – 180,000 CPS

**COVERAGE:** 100 sq ft/gal

**APPLICATION TEMPERATURE RANGE:** 35°F to 120°F.

**SERVICE TEMPERATURE RANGE:** -40°F to 250°F.

**STORAGE TEMPERATURE:** Keep from freezing. Store between 40°F and 110°F.

**PRESSURE RATING:** 15" water column.

**BONDING RANGES\*:**

**TIME TO PRESSURE TEST:** 24 Hours

\*Temperature and humidity may affect cure time.

**FREEZE THAW:** Stable. No loss of adhesion or elastomeric properties after three freeze/thaw cycles.

**SHELF LIFE:** One year in unopened container.

**CLEAN UP:** Warm water and soap when wet. Mineral spirits when dry.

**ASTM C-411 "Hot Surface Performance of High Temperature Thermal Insulation":** After 96 hours @ 250°F, no cracking, peeling, chalking or other signs of physical failure.

**ASTM C-732 "Aging Effects of Artificial Weathering on Latex Sealants":** After 500 hours, no change in the product.

**ASTM D-2202 "Slump Test":** 0.0 inches

**PHYSICAL & CHEMICAL RESISTANCE:**

Highly resistant to mold, mildew, water, extreme temperature changes and aging. Resistant to oil or grease and mildly resistant to diluted alkalis and acids.

**APPLICATION SUGGESTIONS:**

Apply by brush, caulking gun or trowel. Surfaces should be free of dirt, oil or grease.

**UNDERWRITERS LABORATORIES**

Classified: Adhesive R-6891

Surface Burning Characteristics Applied To:

Inorganic Reinforced Cement Board

Flame Spread 5

Smoke Developed 0

Tested as applied 1-3" wide strips at a coverage rate of 200sq. ft./gal. Flash point of liquid adhesive (closed cup), no flash to boiling.

Underwriters Laboratories Listed 181 B-M 2R59



**CITY OF LOS ANGELES**

**APPROVED:**

RR 7988

**MEETS SMACNA SEAL**

**CLASSES A, B, C**

**MEETS REQUIREMENTS OF NFPA 90A AND 90B**

**COMPLIES WITH SCAQMD, RULE 1168**

**MEETS REQUIREMENT FOR LEED IEQ**

**CREDIT 4.1: LOW EMITTING MATERIALS:**

**ADHESIVE AND SEALANTS**

**NOTICE TO PURCHASER:**

Please see the product label for important limited warranty information.

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