

Miracle KINGCO

D-619

Water-Based Duct Sealant

D-619 is a water-based sealant designed for indoor and outdoor use on all conventional flexible heating and air conditioning duct systems. These systems can be metal or fiberglass and can be high, medium, or low pressure or velocity. *D-619* exhibits excellent strength, flexibility and resistance to heat and cold.

FEATURES:

- ◆ Highly resistant to mold, mildew, water, extreme temperature changes and aging.
- ◆ Resistant to oil or grease and mildly resistant to diluted alkalis and acids.
- ◆ Easy to apply, smooth consistency

SUSTAINABILITY GUIDE:

GREENGUARD® Children & Schools Certified

GREENGUARD® Indoor Air Quality Certified

- Contributes to *LEED®* and other green building rating system credits:
 - *LEED-NC* and *LEED-CI EQ Credit 4.1*
 - *LEED for Schools EQ Credit 4*
 - *LEED Core & Shell EQ Credit 4.1*
 - *LEED-EB MR Credit 3*
 - *CHPS® (Collaborative for High Performance Schools) EQ Credit 2.2*
 - *Green Guide for Health Care EQ Credit 4.1*
 - *NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3*



REGULATORY COMPLIANCE:

- SCAQMD (South Coast Air Quality Management District), Rule 1168
- California Air District Regulations
- Ozone Transport Commission (OTC) Rule for Adhesives and Sealants

MEETS SMACNA SEAL CLASSES A, B, C
MEETS REQUIREMENTS OF NFPA 90A AND 90B
CITY OF LOS ANGELES APPROVED: RR 7988



UNDERWRITERS LABORATORIES INC.

Classified: Adhesives R-6891
 Surface burning characteristic applied to inorganic reinforced cement board
 Flame Spread.....5
 Smoke Developed.....0
 Tested as applied 1-3" wide strips at a coverage rate of 200 sq. ft./gal. Flash point of liquid adhesive (closed cup), no flash to boiling
 Underwriters Laboratories Listed 181 B-M 2R59



LISTED
181B-M
2R59



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Water-based Duct Sealant

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 D-2202 "Slump Test" 0.0 inches

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

DIRECTONS:

Use only after careful consideration of the warnings, directions, and first aid instructions given. Do not thin.

For Sealing UL 181B Air Ducts:

Surfaces should be free of dirt, oil or grease. Using a brush or trowel, apply a 3 inch wide band of mastic around the collar at a coverage rate of 200 sq ft / gal.

For Sealing Metal Ducts:

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

PHYSICAL PROPERTIES:

BASE:	Synthetic Polymer	WEIGHT/GALLON:	10.75 lbs/gallon
SOLVENT:	Water	VOC CONTENT:	66.3 g/L (EPA Method 24)
SHELF LIFE:	1 year from date of manufacture	VISCOSITY:	150,000-180,000 cps
SOLIDS:	64.9% +/- 2.0%	OPEN TIME:	1 hour
FLASHPOINT:	N/A	DRY TIME:	24-48 hours
COLORS:	Gray	COVERAGE	200 sq ft/gal
COVERAGE:	Up to 200 sq ft/gal depending on application, engineering requirements, porosity of substrates		
FORMALDEHYDE:	No urea formaldehyde added during adhesive manufacturing		

KEEP OUT OF REACH OF CHILDREN FOR PROFESSIONAL OR INDUSTRIAL USE ONLY

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Please direct all inquiries regarding performance of this product to:

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