

DUCTMATE

LAG IT™



UNION MADE IN THE USA



Multi-Purpose Encapsulating Edge Coating

Premium Quality

- High performance water-based duct liner edge treatment with smooth finish
- Encapsulates fibers and repairs liner tears
- Durable coating
- Water, UV, and mold resistant
- UL GREENGUARD GOLD Certified
- Only UL Listed and Classified Product in the Industry
- LEED® Compliant, meets all applicable EPA Method 24 and CDPH standards
- Manufactured by SMART Local 12



DESCRIPTION

LAG-IT is a heavy-duty water-based encapsulating edge coating available in both gray and white. Formulated with EPA Registered preservatives which prevent the growth of mold, mildew, fungus, bacteria, and yeast.

BASIC USE

LAG-IT is used for encapsulating fibers exposed on edges or tears of duct liner. It can bond closed-cell duct liner (elastomeric), open-cell duct liner (fiberglass, polyester) and rigid duct board to metal. LAG-IT can also be used to bond and seal jackets of canvas, cloth or other fabrics/insulators to air-conditioning ducts and cold water pipes.

LAG-IT can be applied via brush, roller and commercial-grade airless paint-sprayers.

APPLICATION

Apply a minimum of 45-55 mils thickness coating to the insulation. Be careful to make sure the product is fully covering the intended insulation, once fully coated allow 24 to 72 hours for the product to cure.

Spray Equipment Instructions: Follow spray equipment manufacturer's instructions when using spray equipment. For best results, use commercial-grade airless paint-sprayer utilizing spray tip with 2" - 4" fan pattern and minimum .021"-diameter orifice.

SPECIAL CHARACTERISTICS

- High performance water-based duct liner edge treatment with smooth finish
- Encapsulates fibers and repairs duct liner tears
- Durable coating
- Water, UV, and mold resistant
- Crack and peel resistant
- Low odor
- Tough and permanently flexible
- High strength and durability
- Non-Flammable in wet state
- Exceptional coverage
- Sag resistant
- Will not discolor over time
- UL GREENGUARD GOLD Certified
- Only UL Listed and Classified Product in the Industry
- LEED® Compliant, meets all applicable EPA Method 24 and CDPH standards
- Manufactured by SMART Local 12

PACKAGING INFORMATION

Part No.	Color	Description	Quantity & Weights
LAGIT1W	White	1 Gal	4-1 gal pails @ 45 lbs
LAGIT5W	White	5 Gal	1-5 gal pail @ 57 lbs
LAGIT1B	Gray	1 Gal	4-1 gal pails @ 45 lbs
LAGIT5B	Gray	5 Gal	1-5 gal pail @ 57 lbs

LIMITED PRODUCT WARRANTY

Visit Ductmate.com/warranty for more information.

TECHNICAL INFORMATION

CHEMICAL TYPE:	Synthetic Latex
COLOR:	White or Gray
ODOR:	Mild (wet) None (dry)
VOC CONTENT: EPA Method 24	Pass - Very Low
TVOC EMISSIONS: CDPH Standard Method v1.2	Private Office - Pass School Classroom - Pass
DENSITY:	11.3 +/- 0.3 lbs per gallon
SOLID CONTENTS:	62% +/- 2%
VISCOSITY:	80,000 +/- 20,000 cP
APPLICATION TEMPERATURE:	35°F to 110°F
SERVICE TEMPERATURE:	-25°F to 220°F
STORAGE TEMPERATURE:	35°F to 110°F
DRY TO TOUCH:	1 hour (approximate)
CURE TIME:	24 to 72 hours <i>Depending on humidity, application, and temperature</i>
FLEXIBILITY: ASTM D522 (1/8" Mandrel Bend)	Pass
MOLD RESISTANCE: UL 181B Mold & Humidity Test	Pass
FREEZE THAW STABILITY:	Pass
ADHESION STRENGTH: UL 181B Peel Adhesion	Pass - Exceeds Standards
UL TESTED COVERAGE:	25 sq. ft./gal. at 1/16" 50 sq. ft./gal. at 1/32"
RECOMMENDED COVERAGE:	50 - 80 sq. ft. depending on coating (65-80 sq. ft. / gallon for tack coat and 50-65 sq.ft./gallon for top coat)
SHELF LIFE:	1 year (unopened container)
PACKAGING:	1 gallon pail 5 gallon pail
SPRAYER SETTINGS:	Spray Tip - 121 • 2" Spray Pattern • 0.021" Orifice Optimum Pressure Range • 1250 - 1500 p.s.i.



SURFACE BURNING CHARACTERISTICS

USC - Classification
Applied to Inorganic Reinforced Cement Boards:
"FHC 25/50"

+ - Tested as applied in two 2 in. wide strips 8 in. on center covering 22.2 percent of the test sample area at a coverage rate of 25 sq. ft. per gallon.

CNC - Classification
Applied to Inorganic Reinforced Cement Boards:
FHC 25/50

+ - Tested as applied in two 50 mm wide strips 200 mm on center covering 22 percent of the test sample area at a coverage rate of 0.61 sq. m/L.

The FHC 25/50 "Fire Hazard Classification" indicates that the labeled material has a flame spread of 25 or less and a smoke developed of 50 or less as tested per UL723 or equivalent.

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