

# LAG-IT™



## Multi-Purpose Adhesive/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
- LEED® Compliant, meets all applicable EPA Method 24 and CDPH standards
- Only UL Listed and Classified Product in the Industry
- Manufactured by SMART Local 12



## DESCRIPTION

LAG-IT is a heavy-duty water based adhesive/coating available in both black 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 also be used to bond 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 "tack coat" with a minimum of 20-25 mils wet film thickness coating to the insulation. Apply canvas cloth or fiberglass mesh to the top of the tack coat and gently press the lagging fabric into the coating. Be careful to make sure the lagging fabric is uniformly secured in the top of the coating without wrinkles. Apply a second "top coat" of 25-30 mils wet film thickness coating to ensure lagging fabric is fully encompassed.

**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 liner tears
- Durable coating
- Water, UV, and mold resistant
- LEED® Compliant, meets all applicable EPA Method 24 and CDPH standards
- Only UL Listed and Classified Product in the Industry
- Manufactured by SMART Local 12
- 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

## 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	Black	1 Gal	4-1 gal pails @ 45 lbs
LAGIT5B	Black	5 Gal	1-5 gal pail @ 57 lbs

## TECHNICAL INFORMATION

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

### SURFACE BURNING CHARACTERISTICS

UL - Classification  
Applied to Inorganic Reinforced Cement Board+

#### "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 Board+

#### "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.



## LIMITED PRODUCT WARRANTY

Visit [Ductmate.com/warranty](http://Ductmate.com/warranty) for more information.



**Charleroi, PA**  
210 Fifth Street  
Charleroi, PA 15022  
724-258-0500

**Lodi, CA**  
810 S. Cluff Avenue  
Lodi, CA 95240-9141  
209-333-4680

*Additional Manufacturing and Warehousing in Monongahela, PA and Wagoner, OK*

1-800-245-3188 • [www.ductmate.com](http://www.ductmate.com)

© Copyright Ductmate Industries, Inc. All rights reserved.



Ductmate Is A Proud Member Of The Following Organizations:



Distributed By: