

D U C T M A T E

EZ-Seal™



Industrial Grade Water Based Duct Sealant



Low Brush Drag and Spreadability Reduces Labor Cost

- UL 181B-M Listed
- UL 723 Classified
- Conforms to NFPA 90A and 90B
- Mildew Resistant
- Flexible
- Non-Cracking Formula
- Excellent Adhesion to Metal
- UV Resistant
- Non-Flammable
- Will Not Drip or Sag
- Minimal Shrinkage
- Mild Odor
- Weather Resistance – Indoor or Outdoor Use
- Manufactured by SMWIA Local 12
- For Applications up to 10" w.g.
- Paintable - Latex or Epoxy Paints
- This product contributes to satisfying LEED EQ. Credit 4.1



DUCTMATE®

Industries, Inc.

DESCRIPTION

EZ-Seal is an industrial grade water based duct sealant with fiber reinforcement.

BASIC USE

Designed to seal all forms of HVAC metal and metal joints in both industrial and residential applications.

SPECIAL CHARACTERISTICS

- UL 181B-M Listed
- UL 723 Classified
- Conforms to NFPA 90A and 90B
- Mildew Resistant
- Non-Cracking Formula
- Excellent Adhesion to Metal
- UV Resistant
- Non-Flammable
- Will Not Drip or Sag
- Minimal Shrinkage
- Mild Odor
- Indoor or Outdoor Use
- Mildew Resistant
- Weather Resistant
- Flexible
- Paintable – Latex or Epoxy Paints
- Qualifies for LEED™ Credit EQ 4.1

DIRECTIONS FOR USE

Surface Preparation: For good brushability, store at room temperature at least 24 hours before applying. Surfaces should be clean, dry and free of any dirt, oil, grease, water or foreign matter.

Application: (DO NOT THIN) Do not apply when rain or freezing temperatures will occur within 36 hours.

When Used In Conjunction With Sheet Metal: Apply by brush, hand, trowel or spray. EZ-Seal should be applied to duct connections according to all applicable SMACNA standards. Apply to the inside of female fittings and outside of male fittings. Assemble the joint. Brush sealant over the assembled joint. Thoroughly cover joint and screws with a 2" to 3" wide band. Assembly should cure for 24-72 hours before pressure testing the system. Since field temperature/humidity conditions may vary, longer set times may be required for specific installations. Apply at a rate of 50 sq. ft. per gallon (1/32" thick).

Clean Up: Use warm soapy water to clean up sealant while it is wet.

When Used in Conjunction With UL 181 Listed Flexible Air Ducts: Apply by brush a 1/16" (25 sq.ft. per gallon) coating and allow to dry a minimum of 24-72 hours. Since field temperature/humidity conditions may vary, longer set times may be required for specific installations. Use with mechanical fasteners per Air Duct installation instructions.

LIMITED PRODUCT WARRANTY

Ductmate Industries, Inc. is not liable for consequential, incidental or special damages. There are no statutory or implied warranties including the warranties of fitness for a particular purpose and merchantability. There are no warranties other than as set forth below and Ductmate Industries, Inc. neither assumes nor authorizes any person to assume any liability or other obligation in connection with EZ-Seal.

EZ-Seal are warranted to be free from any and all defects in material and workmanship only at the time of shipment from our plant. If material is shown to be defective at the time of shipment from our plant, Ductmate Industries, Inc. will replace or issue credit for the original purchase price.

EZ-Seal will provide an airtight seal between most surfaces normally used in duct construction when installed according to the printed application directions. To determine the suitability of EZ-Seal for each specific purpose, the user must make his own test and determination. Ductmate Industries, Inc. does not guarantee the results from the use of EZ-Seal because of the extreme differences in surface texture and porosity of available materials and the possibility of structural movement or externally caused damages.

KEEP OUT OF REACH OF CHILDREN
Consult The MSDS Sheet Before Using Product

TECHNICAL INFORMATION

BASE:	Synthetic latex emulsion with fiber reinforcement
COLOR:	Gray
TYPE:	Water Base
WEIGHT:	10.9 ± .2 lbs per gallon
SOLID CONTENTS:	62% ± 2%
VISCOSITY:	400,000 c.p.s.
APPLICATION TEMPERATURE:	35°F to 110°F
SERVICE TEMPERATURE:	- 25°F to 200°F
STORAGE TEMPERATURE:	35°F to 110°F
DRY TO TOUCH:	1 hour (approximate)
CURE TIME:	24 to 72 hours + (depending on humidity, application, and temperature)
FLAMMABILITY:	Non-flammable in both wet and dry state
FLASH POINT:	No flash to boiling
FREEZE THAW STABILITY:	5 cycles
ODOR:	Mild (wet) None (dry)
SHELF LIFE:	1 year (unopened container)
CURED SEALANT:	Tough and flexible
PACKAGING:	1/12 gallon tubes (25 tubes/case) 1 gallon pail (4 gal./case) 5 gallon pail 55 gallon drum

COVERAGE INFORMATION

Thickness, in inches		Coverage
Fraction	Decimal	sq. ft./gallon
1/16	0.063	25
1/32	0.031	50
1/64	0.016	100



CAULKINGS AND SEALANTS
SURFACE BURNING CHARACTERISTICS
AS APPLIED TO INORGANIC REINFORCED
CEMENT BOARD
51RF

EZ-SEAL

FLAME SPREAD	5
SMOKE DEVELOPED	0

Applied to Inorganic Reinforced Cement Board+

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



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