D U C T M A T E

EZ-Seal®

UNION MADE IN THE USA

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

Commercial Grade Water-Based Duct Sealant

Cost Effective Solution For Sealing Metal Duct Joints

- Indoor and Outdoor Use
- Fiber Reinforced
- For Applications Up to 15" WG
- Remains Flexible
- UL GREENGUARD GOLD Certified
- UL 181B-M Listed and UL 723 Classified
- LEED® Compliant
- Qualifies for LEED® EQ Credit 4.1

DUCTMATE® Industries
A DMI COMPANY

EZ-Seal®

Commercial Grade Water-Based Duct Sealant

DESCRIPTION

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

SPECIAL CHARACTERISTICS

- Indoor/outdoor grade
- For applications up to 15" WG
- Low brush drag and spreadability
- Permanently seals metal duct systems
- Highly crack resistant
- Remains flexible
- Excellent UV, flexibility, mold resistant, and water resistant properties
- Paintable with latex based paint
- Will not drip or sag
- Mild odor
- UL GREENGUARD GOLD Certified
- UL 181B-M Listed / UL 723 Classified
- LEED® Compliant, meets all applicable EPA Method 24, CDPH, and SCAQMD standards
- Qualifies for LEED® Credit EQ 4.1
- Conforms to requirements of NFPA 90A and 90B
- Manufactured by SMART Local 12

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).

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.

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

When Used In Conjunction With Duct Cover: Allow the sealant to cure fully before encapsulating duct ends with ProGuard, or any duct cover products. You may set the duct upright on a palate and encapsulate just the top, allowing air to flow through the bottom until the sealant has cured.

Storage: Store at temperatures between 35°F–110°F. WARNING: DO NOT FREEZE or apply at freezing conditions, If frozen completely thaw prior to use.

LIMITED PRODUCT WARRANTY

Ductmate warrants that EZ-Seal®, when properly installed and maintained, will be free from defects in material and workmanship, and will comply with all written specifications made by Ductmate at the time of sale. Ductmate's warranty shall run for a period of one year from the date of manufacture.

Warranty Limitation

The warranty stated above is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Although Ductmate may have suggested the product, or provided written or oral advice to the Purchaser, it is the Purchaser's responsibility to test and determine the suitability of EZ-Seal®, for the intended use and purpose, and Purchaser and/or its customer assumes all risk and liability whatsoever regarding such suitability.

Limitation of Liability

In the event of a breach of the above warranty, Ductmate's sole obligation, and Purchaser's sole and exclusive remedy, shall be, at Ductmate's option, repair or replacement of any defective products, or refund of an applicable portion of the purchase price. Ductmate shall have no liability for costs of removal or reinstallation of the product. The Purchaser agrees that no other remedy, including but not limited to loss of profits, loss sales, injury to person or property, or any other special, incidental or consequential damages, shall be available to the Purchaser for any claim arising out of this Agreement, regardless of whether such claim is made in contract or in tort, including strict liability in tort. In no event will Ductmate be obligated to pay damages to the Purchaser in any amount exceeding the purchase price that the Purchaser paid to Ductmate for the allegedly defective product.

BASIC USE

To seal metal joints against air leaks in high pressure duct systems up to 15" W.G.

TECHNICAL INFORMATION

CHEMICAL TYPE:	Synthetic Latex - Fiber reinforced
COLOR:	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:	250,000 +/- 25,000 cP
SHORE A HARDNESS:	>50
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 *Depending on humidity, application, and temperature*
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
COVERAGE:	25 sq. ft./gal. at 1/16" 50 sq. ft./gal. at 1/32"
SHELF LIFE:	1 year (unopened container)
PACKAGING:	1/12 gallon tubes (25 tubes/case) 1 gallon pail (4 pails/case) 5 gallon pail 54 gallon drum

UL LISTED UL-181B-M MH26394 | CLASSIFIED C UL US CAULKINGS AND SEALANTS R15020 | GREENGUARD GOLD

SURFACE BURNING CHARACTERISTICS
USC - 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.

WARNING: DO NOT ALLOW TO FREEZE
KEEP OUT OF REACH OF CHILDREN. Consult SDS (Safety Data Sheet) Before Using

DUCTMATE Industries
A DMI COMPANY

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

© Copyright Ductmate Industries. All rights reserved.

SFI www.sfiprogram.org 10%
This spec data is printed on paper that meets the Certified Fiber Sourcing requirements of the SFI program.

Ductmate Is A Proud Member Of The Following Organizations:

SMART SHEET METAL | AIR | RAIL | TRANSPORTATION · SMACNA · SPIDA SPIRAL DUCT MANUFACTURERS ASSOCIATION

Distributed By: