

**EZ-seal™**



## Industrial Grade Water Based Duct Sealant

**Low Brush Drag and Spreadability Reduces Labor Costs**

- 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" WG
- Paintable - Latex or Epoxy Paints
- LEED® Compliant, VOC Content

**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

## TECHNICAL INFORMATION

<b>BASE:</b>	Synthetic latex emulsion with fiber reinforcement
<b>COLOR:</b>	Gray
<b>TYPE:</b>	Water base
<b>WEIGHT:</b>	11.4 ± .3 lbs per gallon
<b>SOLID CONTENTS:</b>	63% ± 3%
<b>VISCOSITY:</b>	400,000 c.p.s.
<b>VOC CONTENT:</b>	38 g/L
US EPA Method 24:	35°F to 110°F
<b>APPLICATION TEMPERATURE:</b>	0°F to 220°F
<b>SERVICE TEMPERATURE:</b>	35°F to 110°F
<b>STORAGE TEMPERATURE:</b>	1 hour (approximate)
<b>DRY TO TOUCH:</b>	24 to 72 hours +
<b>CURE TIME:</b>	(depending on humidity, application, and temperature)
<b>FLAMMABILITY</b>	Non-flammable in both wet and dry state
<b>FLASH POINT:</b>	No flash to boiling
<b>FREEZE THAW STABILITY:</b>	5 cycles
<b>COVERAGE:</b>	25 sq. ft./gal. at 1/16"
	50 sq. ft./gal. at 1/32"
	100 sq. ft./gal. at 1/64"
<b>ODOR:</b>	Mild (wet) None (dry)
<b>SHELF LIFE:</b>	1 year (unopened container)
<b>CURED SEALANT:</b>	Tough and flexible
<b>PACKAGING:</b>	1/12 gallon tubes (24 tubes/case)
	1 gallon pail (4 pails/case)
	5 gallon pail
	55 gallon drum



ALSO CLASSIFIED  
  
 CAULKINGS AND SEALANTS  
 SURFACE BURNING CHARACTERISTICS  
 51RF

SURFACE BURNING CHARACTERISTICS USC - Classification	
Applied to Inorganic Reinforced Cement Board +	
FLAME SPREAD	5
SMOKE DEVELOPED	0
+ - Tested as applied in two 2 in. wide strips 8 in. OC and covering 22.2 percent of the exposed test sample area at a coverage rate of 25 sq ft/gal. Flash point of finished Caulking and Sealant, closed cup: No flash to boiling	
CNC - Classification	
Applied to Inorganic Reinforced Cement Board +	
FLAME SPREAD	5
SMOKE DEVELOPED	0
+ - Tested as applied in two 50.8 mm wide strips 203.2 mm OC and covering 22.2 percent of the exposed test sample area at a coverage rate of 0.6 sq m/l. Flash point of finished Caulking and Sealant, closed cup: No flash to boiling	

## SPECIAL CHARACTERISTICS

- 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" WG
- Paintable - Latex or Epoxy Paints
- LEED® Compliant, VOC Content

## 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.

## 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.

**KEEP OUT OF REACH OF CHILDREN. Consult MSDS (Material Safety Data Sheet) Before Using**



**Charleroi, PA**  
 210 Fifth Street  
 Charleroi, PA 15022  
 800-245-3188  
 724-258-0500  
 FAX: 724-258-5494

**Lodi, CA**  
 810 S. Cluff Avenue  
 Lodi, CA 95240-9141  
 800-245-3188  
 724-258-0500  
 FAX: 209-333-4678

www.ductmate.com



Distributed By:

Ductmate is a proud member of the following organizations:

