

Ductware

PRO[®] seal[™] & FIBER[®] seal[™]

by Ductmate



Water Based High Velocity Duct Sealant



Low Brush Drag and Spreadability Reduces Labour Cost

- Permanently seals metal duct joints
- Effective in low, medium, and high pressure systems
- Superior adhesion to metal
- May be used for indoor or outdoor applications
- Remains flexible
- Manufactured by S.M.W.I.A. Local 12
- Will not drip or sag
- Mildew resistant
- UL 181B-M Listed
- UL 723 classified
- Water Resistant
- UV Resistant
- No VOC's
- Contributes to satisfying LEED EQ Credit 4.1
- For Applications up to 3736 Pa
- Paintable with Latex or Epoxy based paint

Ductware[®]

Productivity solutions with green results

DESCRIPTION

PROseal and FIBERseal are premium water based high-velocity duct sealants.

BASIC USE

To seal metal joints against air leaks in low, medium, and high pressure duct systems

SPECIAL CHARACTERISTICS

- UL 181B-M Listed
- UL 723 Classified
- Permanently Flexible
- Non-Flammable
- Exceptional Workability
- Will Not Drip or Sag
- Non-Cracking Formula
- Low Brush Drag and Spreadability
- Reduces Labor Cost
- Low Shrinkage
- Excellent Adhesion To Metal
- Mild Odor
- Indoor or Outdoor Use
- Conforms to Requirements of NFPA 90A and 90B
- Water Resistant
- No VOC's
- For Applications Up To 3736 Pa
- Paintable - Latex or Epoxy
- 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. PROseal and FIBERseal 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.

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

TECHNICAL INFORMATION

BASE:	Synthetic latex emulsion (PROseal & FIBERseal) with fiber reinforcement (FIBERseal)
COLOR:	Gray
TYPE:	Water Base
WEIGHT:	11 ± .2 lbs per gallon
SOLID CONTENTS:	66% ± 2%
VISCOSITY:	350,000 c.p.s.
APPLICATION TEMPERATURE:	35°F to 110°F
SERVICE TEMPERATURE:	- 25°F to 200°F
STORAGE TEMPERATURE:	40°F to 85°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
WATER RESISTANCE:	Excellent
MILDEW RESISTANCE:	Excellent
FREEZE THAW STABILITY:	5 cycles
COVERAGE:	25 sq. ft./gal. at 1/16" 50 sq. ft./gal. at 1/32"
ODOR:	Mild (wet) None (dry)
SHELF LIFE:	1 year(unopened container)
CURED SEALANT:	Tough and permanently flexible
PACKAGING:	1/12 gallon tubes(25 tubes/case) 1 gallon pail (4 gal./case) 5 gallon pail 55 gallon drum



	PROseal	FIBERseal
FLAME SPREAD:	0	5
SMOKE DEVELOPED:	0	5

Applied to Inorganic Reinforced Cement Board+
Tested as applied in two 2 in. wide strips 8 in. on center covering 16 percent of the test sample area at a coverage rate of 25 sq. ft. per gal.

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 PROseal and FIBERseal.

PROseal and FIBERseal 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.

PROseal and FIBERseal 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 PROseal and FIBERseal 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 PROseal and FIBERseal because of the extreme differences in surface texture and porosity of available materials and the possibility of structural movement or externally caused damages.