

WARD SEALANT

Water-Based Sealer (Non-Reinforced)

SWB-N

Ward Water-Based Duct Sealer (page 2 of 2)

Limitations: Store and apply between 40°F (4°C) and 100°F (38°C), protect from freezing until dry. Mechanical fasteners of the type and number normally used for duct assemblies are required to provide rigidity to the duct system. Always test foil and paper facings for acceptable adhesion. If used between two impermeable surfaces, drying time will be extended. To resist rain washoff, allow at least 12 to 15 hours drying time above 40°F (4°C), and less than 50% relative humidity. Higher humidity or lower temperatures may retard drying. Outdoor horizontal surfaces must always drain completely. A pitch of at least 1/4 in/ft (2 cm/m) is required.

Material Preparation: DO NOT THIN. Stir well. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use.

UL181B Mastic Closure of UL-181 Flexible Air Ducts: Apply to clean, dry, oil-free surface by brush, trowel, or power extrusion. Brush a uniform, 2 in (51mm) wide coat over the joint, at the nominal rate of 50 ft²/gal (1.2 m²/l). Total coverage rate to be 45 to 55 ft²/gal (1.1 to 1.4 m²/l). Allow the completed joint to dry at least 24 hours above 70°F (21°C) before pressure testing. High humidities (over 70%) and/or cooler temperatures may retard drying. Total wet film thickness to be 32 mils ± 3 mils.

For Non-UL181 Applications: Apply a continuous film over all areas of the indoor or outdoor duct system where air leakage may occur. A brush may be used to work the sealer into joints and to remove excess. On spiral ducts apply a coat to the male end of the coupling prior to fitting the straight run of spiral duct over it. Then brush excess over the joint to complete the seal. It also should be used to seal screw holes and flanges.

Power Extrusion: May be applied using a wide variety of power (pressure) extrusion equipment suitable for use with water-based sealers. It is a soft buttery gel with a typical viscosity range of 130,000 to 180,000 cps. Corrosion resistant pumps and fittings are suggested.

Clean-Up: Use fresh water to clean brushes and equipment before product dries. Dry product may be removed with hot soapy water or strong solvent such as chlorinated solvent (non-flammable) or xylol (flammable).

Underwriters Laboratories Inc. Listed

Ward Water-Based Duct Sealer is listed by Underwriters Laboratories, Inc. under Standard 181 B, Mastic Closure of UL 181 Flexible Air Ducts. Ward Water-Based Duct Sealer is produced under the classification and follow-up service of Underwriter's Laboratories, Inc. and meets NFPA 90A and 90B 25/50 requirements. Data is reproduced for Underwriter's Laboratories, Inc., Building Materials Directory

ADHESIVES (R16209) Surface Burning Characteristics



	1/4 in (6.4 mm) Inorganic Reinforced Cement Board
Surface Flame Spread	0
Smoke Developed	0
Number of Coats	1
Tested as applied in a 2 in (51mm) wide strip at a coverage of 45ft ² /gal (1.1 m ² /l)	

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The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product your requirements. The warranted shelf life of Ward Industries products is six months from date of shipment to the original purchaser. For industrial use only. Keep out of reach of children. Consult Material Safety Data Sheet and container label for further information.

JOB NAME: _____	SUBMITTED BY: _____
LOCATION: _____	
ARCHITECT: _____	
ENGINEER: _____	
CONTRACTOR: _____	



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