

WARD SEALANT

Water-Based Sealer (Fiber Reinforced)

SWB-R

Ward Water-Based Fiber Reinforced Duct Sealer (page 1 of 2)

Ward Water-Based Fiber Reinforced Duct Sealer is a fire resistive, fibrated water based, indoor/outdoor vapor barrier sealant for low, medium and high velocity heating and air conditioning ducts. It has excellent weather resistance, low water vapor permeance and good water resistance, allowing it to be used outdoors and in high humidity environments. It performs as a tough and flexible adhesive and sealant, forming a durable seal against air leakage when used with or without reinforcing tape or membrane. Mechanical fasteners of the type and number normally used for duct assemblies are required to provide rigidity to the duct system.

Ward Water-Based Fiber Reinforced Sealer may be pressure tested within 16 hours dry time above 70°F (21°C) and below 60% relative humidity. It quickly forms a strong bond to galvanized, aluminum or mild steel ducts. It has a mild odor when wet.

Ward Water-Based Fiber Reinforced Sealer is produced under the classification and follow-up service of Underwriters Laboratories, Inc. and meets NFPA 90A and 90B 25/50 requirements. It contains no asbestos, lead, mercury or mercury compounds.

Physical Properties

Color: Gray

Application Consistency: Brush, Trowel, Caulking Gun, or Power Extrusion

Average Weight: 11.6 lbs/gal (1.35 kg/l)

Average Non-Volatile: 55% by volume (69% by weight)

Coverage Range:

Brush: 25 to 50 ft²/gal at a 0.064 to 0.032 in. (.6 to 1.2 m²/l at a 1.6 to 0.8mm) wet film thickness

Caulking Gun: 125 ft/10.5 fluid oz. tube at a 1/8 in. bead (38 m/.31 l tube at a 3.2 mm bead),
30 ft/10.5 fluid oz. tube at a 1/4 in. bead (9 m/.31 l tube at a 6.4 mm bead)

Drying Time, 73°F (23°C) 50% RH (ASTM D 1640):

Set to Touch: 1 hour

Dry Through: 16 hours

Service Temperature Limits: 20°F to 200°F (-7°C to 93°C)

Water Vapor Permeance (ASTM E 96): Procedure A, 0.45 perms at 35 mils (0.30 metric perms at .9mm) dry

Wet Flammability (ASTM D 3828): No flash to boiling, >210°F (99°C)

Surface Burning Characteristics (ASTM E 84):

Flame Spread: 5

Smoke Developed: 0

Coverage rate of 25 ft²/gal (.6 m²/l) in a 2 in (51 mm) wide strip. Applied to 1/4 in (6.4mm) inorganic reinforced cement board. Flame spread may vary at different product thicknesses and/or when applied over other surfaces.

BS 476 Parts 6+7: Class "O"

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



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