

SUBMITTAL RECORD _____
JOB _____
LOCATION _____
SUBMITTED TO _____
SUBMITTAL PREPARED BY _____
APPROVED BY _____
DATE _____



Submittal Form SRPGLVOC Sprayable Solvent Based Insulation Adhesive Low VOC

DESCRIPTION

Duct liner is typically attached to duct walls by two fastening methods; one with mechanical fasteners and the other with adhesive. Mechanical fasteners prevent delamination of the liner while adhesives bond the liner to the metal ensuring that air flow can not intrude between the two materials. The choice of an adhesive is affected by several factors; the method of application, acceptable dry time, solvent type.

SRPGLVOC is a sprayable low VOC solvent based insulation adhesive and provides excellent coverage and immediate tack. It may be used for bonding low and high density duct liner or wrap to the interior or exterior of metal ductwork. SRPGLVOC may be applied by spray, brush or roller.

FEATURES

- Sprayable
- Quick Tack & Grip of Insulation
- Requires No Auxiliary Clamp Devices
- Proven Field Performance
- Excellent Aging Properties
- Excellent Coverage
- Water Resistant
- Immediate Tack
- Economical

TYPICAL PROPERTIES

Type: Synthetic Elastomer Rubber

Weight: 7.4 lbs./gal.

Color: Amber

Odor: Solvent-like

VOC: 189 g/ltr. or 1.58 lbs./gal

Coverage: 400 sq.ft./gal. The coverage rate is dependent on the surface being covered and the application method.

Flammability: Wet: Flash point -4°F (-20°C) Red Label.

Service Temperature: -20°F to 180°F (-29°C to 82°C)

Application Temperature: Do not apply below 35°F (1.67°C) or above 110°F (43°C)

Effect of Freezing: None

Bonding Time: 0 to 20 minutes. The drying time depends on the temperature, humidity and film thickness.

Storage Life: 1 Year

Clean With: Flammable solvent: Xylol or mineral spirits

Non-flammable solvent: trichloroethylene

Method of Application: Spray, brush or roller. As a general practice, it is advisable that liquid products be stirred before use.

DO NOT THIN THIS PRODUCT. STIR WELL.

RELATED SMACNA RECOMMENDATIONS*

7.4 Installation Standards For Rectangular Ducts Using Flexible Liner

S2.3 Each layer of duct liner shall be attached with 90 percent coverage of adhesive at the liner contact surface area.

S2.4 All transversely oriented edges of liner not receiving metal nosing shall be coated with adhesive. Liner shall be neatly butted without gaps at transverse joints and shall be coated with adhesive at such joints before butting.

S2.6 Ducts with interior widths of 8 in. (203 mm) or less do not require mechanical fasteners in addition to adhesive.

**From SMACNA HVAC Duct Construction Standards Metal and Flexible • Third Edition • 2005*

SPECIFICATION COMPLIANCE

NFPA 90A & 90B

ASTM C916 Type IV

ASTM E84

Standard Test Method For Surface Burning Characteristics of Building Materials (ANSI 2.5, NFPA 255, UBC 8-1, UL 723)

Applied to Inorganic Reinforced Cement Board

FLAME SPREAD 15

SMOKE DEVELOPED 0

Coverage Rate 400 sq. ft./gal. (9.8 m²/L)

Flash point of liquid adhesive. Closed cup. Less than -20°F

ITEM#	CODE	DESCRIPTION
5148	SRPG1LVOC	SRPG-LVOC - 1 Gallon Pail
5149	SRPG5LVOC	SRPG-LVOC - 5 Gallon Pail

SUGGESTED SPECIFICATIONS

All metal duct shall be lined according to SMACNA HVAC Duct Construction Standard. Each layer of duct liner shall be attached with 90% coverage of adhesive at the liner contact surface area. Adhesive shall be SRPGLVOC as manufactured by Duro Dyne Corporation.

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