

SUBMITTAL RECORD \_\_\_\_\_  
 JOB \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 SUBMITTED TO \_\_\_\_\_  
 SUBMITTAL PREPARED BY \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



# Submittal Form

## WITLVASM / BWITLVASM

### Water Based

### Duct Liner Adhesive

#### DESCRIPTION

WITLVASM / BWITLVASM is a premium, multi-use, water based, non-flammable, UL tested duct liner and insulation adhesive specifically engineered and formulated for all types of spray, roller, brush or extrusion applications. Pinstopping can be done immediately.

#### FEATURES

- Water Based
- Non-Flammable
- Excellent Tack & Adhesion
- Excellent Adhesion to Metal
- Excellent Adhesion to Fibrous and Foil Backed Duct Insulation
- Airless Sprayable
- Brushable
- Rollable
- Great Coverage
- Seal Cut Edges
- Mild Odor
- Low VOC
- Easy Clean-Up
- LEED Compliant

#### TYPICAL PROPERTIES

**Base:** Synthetic latex  
**Consistency:** Low viscosity liquid  
**Solvent:** Water  
**Solids:** Approx 40%  
**Weight:** 10.17 lbs./gallon  
**Color:** White or Black  
**Odor:** Mild  
**VOC:** 38 gm/L or 0.315 lbs/gal. (LEED Compliant)  
**Viscosity:** #4 at 50RPM RVT. 1200 to 1400 CPS  
**Flammability:** Non-Flammable  
**Effect of Freezing:** DO NOT FREEZE (Tested with no damage to 5 Cycles)  
**Storage Life:** One year (unopened)  
**Clean With:** **When Wet:** Clean, fresh water  
**When Dry:** Hot, soapy water  
**Method of Application:** Brush, roller, standard spray or roller coated  
**Preparation:** Surface must be dry, dirt, oil and grease free  
**Coverage:** Up to 400 sq. ft. / gal depending on application  
**Mildew Resistance:** Mold & Mildew resistant  
**Application Temperature:** 40F °F - 110 °F (4°C - 43°C)  
**Service Temperature:** -20F °F - 180 °F (-20°C - 82°C)  
**Bond Time:** 0-17 minutes\*  
**Dry Time:** 20-40 minutes\*  
 \* May vary according to temperature and humidity

#### 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*

- Tested in accordance with ANSI/UL 723 (ASTME84)
- LEED Compliant SCAQMD Rule 1168
- Conforms to Requirements of:  
**NFPA 90A and 90B**  
**ASTM C-916 Type 1**

ITEM#	CODE	DESCRIPTION
5134	WIT5LVASM	WITLVASM White 5 Gallon Pail
5136	WIT50LVASM	WITLVASM White 50 Gallon Drum
5131	BWIT5LVASM	BWITLVASM White 5 Gallon Pail
5137	BWIT50LVASM	BWITLVASM White 50 Gallon Drum

#### 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 tested in accordance with ANSI/UL 723 (ASTME84) and be water based. Adhesive shall be WITLV-ASM / BWITLV-ASM as manufactured by Duro Dyne Corporation.

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