

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



Submittal Form WIT-LV Water Based Insulation Adhesive

DESCRIPTION

Duct liner is typically attached to duct walls by two fastening methods; one with mechanical fasteners and the other with adhesive. Mechanical fasteners are utilized to 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 some of which are; the method of application, acceptable dry time, solvent type.

Duro Dyne WIT-LV is a non-flammable water-based duct liner adhesive specifically designed for automated coil line use, rotobonder, and sprayer applications. The LV factor provides a cost effective low viscosity product, with the aim of preventing clogs and providing easy clean up.

FEATURES

- Low Viscosity
- Specially Formulated for Coil Line
- Extrusion, Rotobonder, Supersprayfast, and
- Minisprayfast Adhesive Applications
- Water Based
- Fast Tacking
- Meets LEED requirements for credit EQ 4.1
- Mold Resistance agent

TYPICAL PROPERTIES

Type: Polyvinyl Emulsion
Solids: Approx 49% ± 2%
Weight: 9.6 lbs.
Color: White
Odor: Slight
VOC: .02 gms/ltr
Viscosity: Approx. 250cps
Flammability: Non-Flammable
Effect of Freezing: No damage - 2 Cycles
Storage Life: 1 year
Clean With: Warm Water/Detergent
Method of Application: Designed for use with spray equipment or Duro Dyne Roto Bonder, Coil line Extrusion, brush, roller. As a general practice, it is advisable that liquid products be stirred before use.
Service Temperature: 40 °F - 200 °F

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*

IMPORTANT! STIR WELL BEFORE USE!
 Especially in colder climates, to prevent spray pump from clogging due to material settling.

ITEM#	CODE	DESCRIPTION
5106	WIT5LV	WIT - 5 Gallon Pail
5107	WIT50LV	WIT - 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 UL classified for surface burning characteristics and be water based. Adhesive shall be WIT-LV as manufactured by Duro Dyne Corporation.

ASTM E84

FLAME SPREAD 0
 SMOKE DEVELOPED 0

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