SUBMITTAL RECORD_____
JOB _____
LOCATION_____
SUBMITTED TO_____
SUBMITTAL PREPARED BY_____
APPROVED BY_____
DATE_____

Submittal Form WIT-HS Water Based Duct Liner Adhesive

DESCRIPTION

WIT-HS is a premium, multi-use, water based, non-flammable, UL Classified duct liner and insulation adhesive specifically engineered and formulated for all types of spray, roller, brush or extrusion applications. High viscosity liquid for systems preferring a slightly heavier coating and greater wet tack.

FEATURES

- Water Based
- Non-Flammable
- Excellent Tack & Adhesion
- Excellent Adhesion to Metal
- Excellent Adhesion to Fibrous and Foil Backed Duct Insulation
- Brushable
- Rollable
- Great Coverage
- Seal Cut Edges
- Mild Odor
- Immediate Tack
- Water Resistant
- Low VOC
- Easy Clean-Up
- UL 723 Classified
- LEED Compliant

TYPICAL PROPERTIES

Base: Synthetic latex
Consistency: Viscous liquid
Solvent: Water
Solids: Approx 40%
Weight: 9.5 lbs./gallon
Solids Content: 43% +/- 2%
Color: White
Odor: Mild
VOC: >5 g/l
Viscosity: 2500 cps
Flammability: Non-Flammable
Effect of Freezing: DO NOT ALLOW TO FREEZE
Storage Life: One year (unopened)
Clean With: Warm Water/Soap when wet; solvent when dry
Method of Application: Brush, roller, standard spray, airless spray or roller coated
Preparation: Surface must be dry, dirt, oil and grease free
Coverage: Up to 530 sq. ft. / gal depending on application
Water Resistance: Good
Mildew Resistance: Mold & Mildew resistant
Application Temperature: 40°F - 110°F
Service Temperature: -20°F - 200°F
Bond Time: 2-10 minutes
Dry Time: 20-40 minutes*
* May vary according to temperature and humidity

MAS CERTIFIED GREEN for a healthier indoor environment

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*

- **UL 723 Classified**
- **LEED Compliant SCAQMD Rule 1168**
- **Conforms to Requirements of:**
  - **NFPA 90A and 90B**
  - **FDA, USDA and EPA Standards**
  - **ASTM C-916**
  - **ASTM E-84**

ITEM#	CODE	DESCRIPTION
5170	WIT1HS	WIT-HS 1 Gallon Pail
5169	WIT5HS	WIT-HS 5 Gallon Pail
5168	WIT50HS	WIT-HS 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-HS as manufactured by Duro Dyne Corporation.

CLASSIFIED UL

File # R5286

ADHESIVES
SURFACE BURNING CHARACTERISTICS

4KW4

FLAME SPREAD.....0
SMOKE DEVELOPED.....0

Also classified in accordance with ASTM D1929-96

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Printed in the USA 4/2020