

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



Specification Form

DTWAC

Web 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 DTWAC is a fast tacking, quick bonding solvent base aerosol spray duct liner adhesive. It may be used for bonding low and high density duct liner or wrap to the interior or exterior of metal ductwork. Duro Dyne. DTWAC bonds rubber, fiberglass, plastic, and other types of insulation to steel.

FEATURES

- Wide pad nozzle
- Will adhere many different materials
- 4.5 inch wide spray
- Fast tacking and bonding

TYPICAL PROPERTIES

Type: Synthetic resin and copolymer mixture

Color: White

Odor: Strong mint-like/wet, none/dry

VOC: 378 gms./ltr.

Viscosity: Not Applicable

Flammability: Extremely flammable when wet

Effect of Freezing: None

Storage Life: 1 year at 70° F

Clean With: Mineral Spirits

Application Temperature: 50° F - 110° F

Maximum Service Temperature: 130° F

Method of Application: Hold can 6 to 8 inches away from surfaces when spraying. For porous substrates, applying two coats in the opposite direction of each other will increase bond strength.

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*

DTWAC cans are designed to be in accordance with the RCRA, so they are empty when there is no further contents. According to federal regulations, these cans can go into the regular waste except when located in a jurisdiction that does not allow empty aerosols.

ITEM#	CODE	DESCRIPTION
5166	DTWAC	DTWAC Web Adhesive

SUGGESTED SPECIFICATIONS

All metal duct shall be lined according to SMACNA HVAC Duct Construction Standards. Each layer of duct liner shall be attached with 90% coverage of adhesive at the liner contact surface area. Adhesive shall be a solvent base aerosol. Adhesive shall be DTWAC Web Adhesive, code DTWAC, as manufactured by Duro Dyne Corporation.

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