

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



Specification Form DTWA 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 DTWA 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 DTWA 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: 6 months 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*

ITEM#	CODE	DESCRIPTION
5070	DTWA	DTWA 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 DTWA Web Adhesive, code DTWA, as manufactured by Duro Dyne Corporation.

Duro Dyne East Division, Bay Shore, NY	631-249-9000	Fax: 631-249-8346
Duro Dyne Midwest Division, Fairfield, OH	513-870-6000	Fax: 513-870-6005
Duro Dyne West Division, Santa Fe Springs, CA	562-926-1774	Fax: 562-926-5778
Duro Dyne Canada, Lachine, Quebec, Canada	514-422-9760	Fax: 514-636-0328
www.durodyne.com E-mail: durodyne@durodyne.com		

©2011 DURO DYNE CORP.
 Printed in the USA 7/11
 B0005416

