

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



Submittal Form CCDTWA Carb Compliant 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 CCDTWA is a high performance aerosol, offering rapid setting and quick dry time. It is formulated to dry clear within 15 minutes. This adhesive is ideal for use on duct liner, duct wrap or on sheet metal.

FEATURES

- Carb compliant formula
- Wide pad nozzle
- For use on fiberglass, rubber & cotton liners
- 4.5 inch wide spray
- Fast tacking and bonding

TYPICAL PROPERTIES

Type: Web spray adhesive
Solids: 24%
Weight: 12 oz. net
Propellant: DME & Hydrocarbon blend
Color: White
Odor: Strong solvent
VOC: 38.40%
Evaporation Rate: 20-30 seconds
Bond time: 1 minute - 1 hour
Heat resistance: 130° F maximum
Method of Application: Aerosol spray
Solvent system: heptane, acetone, methyl acetate, oxsol
 100/PCBTF

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*

CCDTWA 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
5132	CCDTWA	Carb Compliant 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 CCDTWA Carb Compliant Web Adhesive, code CCDTWA, as manufactured by Duro Dyne Corporation.

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