

SUBMITTAL RECORD \_\_\_\_\_  
JOB \_\_\_\_\_  
LOCATION \_\_\_\_\_  
SUBMITTED TO \_\_\_\_\_  
SUBMITTAL PREPARED BY \_\_\_\_\_  
APPROVED BY \_\_\_\_\_  
DATE \_\_\_\_\_



# Submittal Form CCASA-WFT Carb Compliant 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 CCASA-WFT is a high performance aerosol adhesive offering rapid setting and quick dry time. CCASA-WFT is formulated to tack immediately, fully cure & dry clear within 15 minutes. This adhesive is ideal for use on duct liner, duct wrap or on sheet metal, and is also suitable to bond a variety of substrates. It is suitable in high temperatures environments, as well as where a clear, flexible, or water resistant bond is desired.

## FEATURES

- Carb compliant formula
- Convenient spray can
- Rapid Setting
- Quick dry time
- Solvent based

## TYPICAL PROPERTIES

**Type:** Web spray adhesive

**Solids:** 23%

**Weight:** 12 oz. net

**Propellant:** DME & Hydrocarbon blend

**Color:** White

**Odor:** Strong solvent

**VOC:** 38.30%

**Evaporation Rate:** 30-45 seconds

**Bond time:** 1 minute - 1 hour

**Heat resistance:** 120° 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*

*CCASA-WFT 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
5131	CCASA-WFT	Carb Compliant Insulation 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 CCASA-WFT Carb Compliant Insulation Adhesive, code CCASA-WFT, as manufactured by Duro Dyne Corporation.

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