

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



Specification Form PAB40 Portable Adhesive Canister-Black

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 PAB40 is a web type, high solids, general purpose adhesive that bonds well to a wide variety of substrates, with one side or two side application. This black liner adhesive can also be used as an effective edge coating. It has a quick tack, is flexible, non-wrinkling and water proof. Use on a variety of surfaces including insulation, plastic, wood, ABS, FRP, foam, carpet, wall coverings, fiberglass, packaging, labeling and more.



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*

FEATURES

- Dual Purpose: Liner Adhesive & Edge Coating!
- Low VOC Organic Compound
- No Methylene Chloride
- High Solids & High Strength
- Flexible Non Wrinkling
- Very Fast Tacking
- Appropriate for Edge Coating
- Waterproof

TYPICAL PROPERTIES

Type: Synthetic Polymer
Color: Black
Odor: Mild Solvent/wet, none/dry
VOC: <80 gms./ltr.
Viscosity: Not Applicable
Flammability: Flammable
Effect of Freezing: None
Storage Life: 15 months
Clean With: Mineral Spirits/Citrus Cleaner
Application Temperature: 65° F - 95° F
Maximum Service Temperature: 150° F
Estimated Coverage: 2250-2700 Sq Ft @2.5-3 gm/Sq Ft
Method of Application: Attach spray hose and spray gun then fully open valve on canister. Hold spray gun tip 6 to 10 inches from surface to be covered, always at a 90° angle to surface. Apply even coats. Do not allow it to concentrate or puddle in one area.
 For best performance, use this product at room temperature.

PAB complies with the South Coast Air Quality Management (SCAQMD) Rule #1168 and VOC (Volatile Organic Compound) standards and thus can be used for **IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants** when used for field installation on the building interior and applied on-site.

ITEM#	CODE	DESCRIPTION
5087	PAB40	Portable Adhesive Canister-Clear

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 non-chlorinated solvent based adhesive. Adhesive shall be supplied in a Portable Adhesive Canister-Black, code PAB40, as supplied by Duro Dyne Corporation.

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