

**DESCRIPTION:** DWN is a grey, water-based duct sealant used in medium and high-pressure duct **systems**. DWN is a special formulation of Vinyl Acrylic in a special Thixotrophic consistency. The formulation is non-flammable (wet state), fire retardant (dry state), and provides permanent flexibility and excellent water resistance.



**FEATURES:** Permanently Flexible - Low shrinkage - Will not support fungal growth - Will not drip or sag - Mild odor Non-flammable – Indoor/Outdoor – Water base Non-Fibrated

Type: Vinyl Acrylic

Weight: 10.0 lbs.  $\pm$  .5 lbs

Storage: 6 months at 20°C

Cure Time: 42-72 hours

Application Temperature: 5°C @ 38°C

**TYPICAL PROPERTIES**

Solids: Approx. 70%  $\pm$  2%

Flashpoint: None. CAN./ULC-S102

Service Temperature: -7°C @ 93°C

Coverage: 50 sq. ft./gallon

Clean With: Warm water when wet/Chlorinated Solvent-when dry

Viscosity : Thixotrophic brushing type, 130,000-180,000, #7 Brookfield 20 PRM @ 22°C

Surface burning characteristics applied to inorganic reinforced cement board

Flame spread: 0 - Smoke developed: 0 - Tested as applied in one 2 in. strip at 50 sq.ft/gallon.

**METHOD OF APPLICATION**

Surface preparation: Store sealant at room temperature for at least 24 hours prior to use. Surfaces should be clean, dry and free of oil, grease, and any other foreign material. Clean fittings to a depth of four inches with a solvent, exercising safe practices as recommended by the manufacturer. Stir DWN thoroughly before application.: Using a brush, cartridge guns, or spatula, apply DWN to male section of spiral duct or to both fittings in a rectangular duct. Join joints while sealant is wet (w/in approx. 15 mins.) and secure with sheet metal screws applied as close as possible (1/2" or less). Apply DWN to outside of assembly with a 2" wide band of sealant, thoroughly covering joint head and sheet metal screws. Allow DWN to set (approx. 72 hrs.) before pressure testing systems for leaks. Do not thin.

**SUGGESTED SPECIFICATION**

All Pittsburg Locks of metal duct shall be sealed according to SMACNA Duct Construction Standard Section 1.6 and 1.7. Sealer shall be ULC classified for surface burning characteristics and be water based. Sealer shall be DWN as manufactured by Duro Dyne Canada Inc.

**EXPRESS WARRANTY**

Because we have no control over methods of application or conditions of use, this product is warranted only to have been made of standard commercial grade materials by competent workmen. User shall test the product to determine its suitability for the intended application. This warranty is in lieu of all others, express or implied.