



Mastics, Coatings, Adhesives, Sealants

# CHIL-SPRED™ CP-135 Coating and Adhesive

## WATER BASED INSULATION COATING AND LAGGING ADHESIVE

### DESCRIPTION

CHIL-SPRED™ CP-135 is a water based combination protective coating and lagging adhesive that is non-flammable in the wet state and fire-resistant when dry. It is specially formulated for use with all lagging fabrics and insulations. When used as a coating, it forms a strong, tough, and durable film, which protects the underlying insulation. When used as a lagging adhesive, it creates a strong bond to hold the laps of the lagging fabrics together.

### USES

CHIL-SPRED CP-135 Coating/Adhesive coats and adheres fabrics such as canvas and lagging cloths to air conditioning equipment and ductwork as well as boilers, piping, and other process equipment. It may also be used to adhere the laps of these fabrics on pipe insulation. In addition, **CHIL-SPRED CP-135 Coating/Adhesive may be used on the joints and termination of fibrous duct liner insulations to help prevent air erosion of the fibers.** When used as a coating on duct liner, CHIL-SPRED CP-135 Coating/Adhesive protects underlying insulations.

### ADVANTAGES

- CHIL-SPRED CP-135 coating/adhesive is water based for personnel safety; it is non-flammable in the wet state, fire-resistant when dry, and contains no solvents.
- Because it is water based, clean up is fast and easy to help maximize production rates.
- When used as a coating, the resultant film is strong, tough, and durable to provide mechanical abuse resistance and a long service life.
- The dried film is washable for ease in maintenance.

### CERTIFIED

- Meets NFPA Standard 90-A & 90-B 25/50 requirements.
- That this product has been tested according to ASTM E-84 (Surface Burning Characteristics of Building Materials).
- Meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC: 46 g/l, less water and exempt solvents.

### COLOR

CP-135 White  
CP-135-2 Black

### WET WEIGHT

10.5 lbs./U.S. gal.  
1.3 kg/liter

### AVERAGE NON-VOLATILE

35% by volume, 47% by weight

### SERVICE TEMPERATURE RANGE

(Temperature to which dry adhesive is subjected)  
-20°F to 180°F  
-29°C to 83°C

### APPLICATION TEMPERATURE RANGE

40°F to 100°F  
4°C to 38°C

### DRYING TIME

(Drying time will vary depending upon film thickness, temperature, and humidity.)  
To touch - 3 hours  
Through - 12 to 36 hours

### COVERAGE

(Coverage will vary with nature of substrate, application technique, and the applicator.)  
1.0-1.25 U.S. gals./100 sq. ft. (.41-.51 l/sq.m) per coat on canvas.  
1.25-2.50 U.S. gals./100 sq. ft. (.51-1.02 l/sq.m) per coat on brattice cloth.  
1.0 U.S. gals./100 sq. ft. (.41 l/sq.m) per coat on smooth, dense surfaces.

### CLEAN-UP

Warm soapy water

### SURFACE BURING CHARACTERISTICS (ASTM E-84, U.L. Tunnel Test)

Flame Spread:	5
Smoke Developed:	2
Surface:	Inorganic reinforced cement board
Number of Coats:	1
Coverage:	80 sq. ft./gal.
Flash point of liquid coating, closed cup: No flash to boiling.	

CP-135 contains no asbestos, lead, mercury, or mercury compounds.

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## H.B. Fuller Construction Products Inc.

Customer Service  
800-832-9002

1105 South Frontenac Street  
Aurora, IL 60504

Fax  
800-942-6856

## PIPE INSULATION, DUCT INSULATION, AND EQUIPMENT

All insulation finished with CANVAS, GLASS CLOTH, AND/OR BRATTICE CLOTH SHALL HAVE THEIR LAPS ADHERED WITH CHIL-SPRED™ CP-135 Coating/Adhesive. A finish coat of CHIL-SPRED™ CP-135 Coating/Adhesive shall be applied to the entire outer surface of the lagging cloth at a coverage rate of at least 1 U.S. gal./100 sq.ft. (.41 l/sq. m) per coat for canvas and 1.25 U.S. gal./100 sq.ft. (.51 l/sq. m) per coat for brattice cloth.

## Application Guide and Suggested Procedures

### 1. USE OF MATERIAL

CHIL-SPRED CP-135 Coating/Adhesive requires no mixing, thinning, or other preparation prior to application. Keep from freezing. Store indoors at temperatures between 55°F to 80°F (13°C to 26°C). **DO NOT THIN.**

### 2. APPLICATION

CHIL-SPRED CP-135 Coating/Adhesive may be applied by glove, trowel, brush, roller, or spray. For spray application, conventional mastic spray equipment using an external atomizing gun, and/or airless spray equipment, may be used. Brushes and other tools should be kept in water and cleaned with hot, soapy water. Many manufacturers of spray equipment can make detailed recommendations for any number of types of equipment. The spray equipment and techniques are similar to those used for applying block sealers or heavy latex paints.

PUMP	Graco Bulldog, 40:1 ratio with air regulator and ram w/inductor plate.
COMPRESSOR	Capable of 75 CFM and maintaining 100 PSIG.
FLUID HOSE	High pressure capable of 4,000 PSI. One inch up to 150 feet. ¾" after the first 150 feet. Use 8' (2.4 m) ½" I.D. hose for coupling to the gun.
GUN	Graco Hydra-Mastic with Reverse-A-Clean tips.
TIP SIZES	627 to 635.

### 3. HINTS FOR SUCCESS

Spillage of this material should be cleaned up immediately by washing with water. If it is allowed to dry, the best method for attempted clean up is hot, soapy water along with a wire brush.

## CUSTOMER SERVICE: 800-832-9002

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ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is six months from date of shipment to the original purchaser.

**For professional use only. Keep out of reach of children.  
Consult Material Safety Data Sheet and container label for further information.**