



Mastics, Coatings, Adhesives, Sealants

CP-135-2 CHIL-SPRED™

Product Data Sheet

WATER-BASED, INSULATION COATING AND LAGGING ADHESIVE

DESCRIPTION

CHIL-SPRED™ CP-135-2 is a water-based, combination protective coating and lagging adhesive that is non-flammable in the wet state and fire-resistive 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-135-2 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-135-2 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-135-2 coating/adhesive protects underlying insulations.

ADVANTAGES

- CHIL-SPRED™ CP-135-2 coating/adhesive is water-based for personal safety; it is non-flammable in the wet state, fire-resistive when dry and contains no solvents.
- Because it is water-based, cleanup 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 90A & 90B 25/50 requirements.
- This product has been tested according to ASTM E84 (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.

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COLOR

Black

WET WEIGHT (ASTM D1475)

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

AVERAGE NON-VOLATILE (ASTM D2369)

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. (0.41 – 0.51 l/m²) per coat on canvas

1.25 – 2.50 U.S. gals./100 sq. ft. (0.51 – 1.02 l/m²) per coat on brattice cloth

1.0 U.S. gals./100 sq. ft. (0.41 l/m²) per coat on smooth, dense surfaces

CLEAN UP

Warm soapy water

SURFACE BURNING CHARACTERISTICS (ASTM E84) UL Tunnel Test

Applied to Inorganic Reinforced Cement Board

Flame Spread: 5

Smoke Developed: 2

Number of Coats: 1

Coverage: 80 sq. ft./gal.

Flash point of liquid coating, closed cup: No flash to boiling

H.B. Fuller Construction Products Inc.

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Suggested Specifications

CHIL-SPRED™ CP-135-2

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-135-2 coating/adhesive. A finish coat of CHIL-SPRED™ CP-135-2 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. (0.41 l/m²) per coat for canvas and 1.25 U.S. gal./100 sq. ft. (0.51 l/m²) per coat for brattice cloth.

Application Guide and Suggested Procedures

1. USE OF MATERIAL

CHIL-SPRED™ CP-135-2 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-135-2 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. 1 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 cleanup is hot, soapy water along with a wire brush.

CUSTOMER SERVICE: 800-832-9002

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