



Mastics, Coatings, Adhesives, Sealants

CHIL-PRUF™
CP-22 (Trowel Grade)
CP-24 (Spray Grade)
Vapor Barrier Coating

ASPHALT BASED FIBRATED CUTBACK VAPOR BARRIER AND WEATHER BARRIER INSULATION COATING

DESCRIPTION

CHIL-PRUF™ CP-22/24 is an effective asphalt based cutback fibrated vapor barrier coating for use over insulations on piping and equipment operating at low to moderately high temperatures. Properly applied, CHIL-PRUF vapor barrier coating provides protection against atmospheric corrosives, chemical dusts, fumes, fogs, and moisture. The cured coating forms a highly vapor retardant, tough, durable, and well-bonded finish.

USES

CHIL-PRUF™ CP-22/24 vapor barrier coating has a broad application range as a vapor and weather barrier over many types of insulations, including fibrous glass, polyurethane foams, glass foams, and other low temperature insulation materials. It is not to be used with polystyrene foam insulation.

CHIL-PRUF vapor barrier coating is recommended for use in cold and dual temperature service. As a vapor barrier coating, it is used to protect insulation over fittings, piping, tanks and tank heads, process vessels, and equipment. CHIL-PRUF vapor barrier coating also provides protection for insulation applied on underground pipelines.

ADVANTAGES

The highest quality asphalt used in CHIL-PRUF CP-22/24 vapor barrier coating provides a higher softening point than other asphalts. This results in a longer service life, greater resistance to mechanical abuse, better weathering characteristics, greater flexibility in the cured coating, and extreme resistance to weather cracking.

APPLICATION

All surfaces must be clean and dry. Do not thin. For insulated vertical surfaces, a two coat application is recommended; each coat is applied at a coverage rate of 4.85 gals./100 sq. ft. for a total coverage rate of 9.7 gals./100 sq. ft., with CHIL-GLAS #10 imbedded into the first coat, (yielding a dry film thickness of .09375). For large insulated expanses, such as tank tops or horizontal surfaces, a two coat application is recommended with CHIL-GLAS #5 or #10 glass fiber reinforcing mesh embedded between coats; each coat is applied at a coverage rate of 6.35 gals./100 sq. ft. for a total coverage rate of 12.7 gals./100 sq. ft. (yielding a dry film thickness of .125 inch). Not recommended for indoor use. CP-22 & CP-24 cannot be successfully applied by brush. CP-22 cannot be applied by spray. Outdoor horizontal surfaces must always drain completely. A pitch of at least 1/2" per foot (4 cm/m) is required.

See other side for spray equipment recommendations.

Visit us on the web at www.fosterproducts.com

GRADES AVAILABLE

CP-22 Trowel Grade
CP-24 Heavy Duty Airless Spray Grade

COLORS

Black

WET WEIGHT

8.5 lbs./U.S. gal. 1.01 kg/liter

AVERAGE NON-VOLATILE

60% to 64% by volume.

SERVICE TEMPERATURE RANGE

(Temperature to which dry film is subjected.)
-60°F to 300°F -51°C to 149°C

APPLICATION TEMPERATURE RANGE

50°F to 100°F
10°C to 38°C

DRYING TIME

To Touch--2 Hours
Through--24 Hours
Temperature, humidity and film thickness will affect drying time.

COVERAGE

Varies with substrate and membrane.
10-13 U.S. gal./100 sq. ft.
(4.0-5.2 l/m²)

CLEAN-UP

Mineral spirits (flammable), chlorinated solvent (non-flammable)

WATER VAPOR PERMEABILITY

0.02 to .03 perms @ .094" (2.4 mm) thickness

CP-22/24 contains no asbestos, lead, mercury, or mercury compounds.

HB Fuller Construction Products Inc.

Customer Service
800-832.9002

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Fax
800-952.2368

Spray Recommendations

CHIL-PRUF™ CP-24

The following equipment (or equal) is recommended for spray application of CHIL-PRUF CP-24 coating:

Mastic Pump - Graco 45:1 King Airless, Graco Checkmate pump, 68:1 ratio on 200cc lower with NXT 6500 air motor or Checkmate pump, 63:1 ratio on 100cc lower, NXT3400 motor

Inductor Plate and Ram for 55 gal. drum Graco D200 or for 5 gal. pails, Graco D60.

Mastic Gun – Graco Textured Spray Guns.

Gun Tip - Graco Reverse-A-Clean tip 0.035" to 0.045" orifice

Material to Hose to Gun - 6 ft. whip end, 1/2" i.d., working pressure 5,000 psi, burst 16000 psi.

Material Hose- 1/2" (12 mm) minimum up to 50 feet (15 m) and 3/4" (19mm) over 50 feet 15 m) is recommended.

Heat - Store in a heated area. The temperature of the CP-24 should be at least 70°F (21°C) before spraying (the capacity of inline heaters is too low to be effective.)

CUSTOMER SERVICE: 800-832-9002

IMPORTANT: HB Fuller Construction Products Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER'S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

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.