



# CHILDERS CP-211

Product Data Sheet

## PROPERTIES

### COLOR:

CP - 211 White

CP - 211-3 Blue

Other colors available on special order.

### APPLICATION CONSISTENCY:

Brush or Spray

### WEIGHT PER GALLON (ASTM D-1475):

10.9 pounds (1.31 kg/liter)

### AVERAGE NON-VOLATILE (ASTM D-1644):

66% by volume (74% by weight)

### SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature to which dry film is subjected.)

20°F to 200°F (-29°C to 93°C)

### DRYING TIME (ASTM D-1640):

(Drying time will vary depending upon film thickness, temperature and humidity.)

To Touch: 2 hours

Through: 24-36 hours

### COVERAGE:

2.4 U.S. gal./100 sq. ft. (1.0 l/sq. m.)

Varies by substrate and membrane.

### SAFETY:

Wet Flammability (ASTM D-3278)

No Flash to Boiling (210°F/99°C)

Surface Flame Spread (ASTM E-84)

Flame Spread — 10

Smoke Developed — 40

Applied to 1/4 inch (6.4 mm) inorganic, reinforced cement board at a coverage rate of 6 gallons/100 sq. ft. (2.44 liters/sq. m). The flame spread may vary at different product thicknesses and/or when applied over surfaces other than inorganic, reinforced cement board.

**CHIL-BRIDGE** contains no asbestos, lead, mercury, or mercury compounds.

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## CHIL-BRIDGE™

### Bridging Encasement/ Encapsulant Coating



**CHIL-BRIDGE** CP-211 bridging encasement/ encapsulant is a polymeric, water-based coating used to protect and isolate asbestos containing materials (ACM). It can be used in both indoor and outdoor applications. Used over all forms of ACM, it effectively bridges, encases, and seals friable asbestos fibers.

**CHIL-BRIDGE** CP-211 bridging encasement/encapsulant coating is applied over ACM when bridging encapsulation has been determined to be the most appropriate asbestos abatement control method, and when complete removal of asbestos containing materials is not practical due to inaccessibility or other existing limitations. **CHIL-BRIDGE** CP-211 bridging encasement/encapsulant coating is applied to previously encapsulated ACM on piping, fittings, ductwork, and equipment.

**CHIL-BRIDGE** bridging encasement/encapsulant coating seals and bonds to ACM and to adjacent surfaces and materials. Once dry, the resultant film is tough, durable, and pliable; it will prevent damage due to mechanical abuse in the removal efforts, which could allow asbestos fibers to become airborne. The encasement/encapsulant coating permits ACM to be handled more efficiently and safely.

**CHIL-BRIDGE** meets the requirements of NFPA 90A and 90B 25/50 requirements.

Meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC: 40 g/l, less water and exempt solvents.

### LIMITATIONS

Protect from freezing until dry.

Do not store over 100°F (38°C). Do not apply below 40°F (4°C) or to surfaces operating at, or intended to operate in, excess of 200°F (93°C).

Not recommended for outdoor horizontal surfaces having a pitch of less than 1/2 inch (4 cm/m) per lineal foot.

Not suggested for use on floors.

**H.B. Fuller Construction Products Inc.**

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# APPLICATION GUIDE FOR CHIL-BRIDGE™ BRIDING ENCASEMENT/ENCAPSULANT COATING CP-211

## MATERIAL PREPARATION

Use CHIL-Bridge CP-211 as supplied; DO NOT DILUTE OR THIN. Store at room temperature (77°F or 25°C) prior to application to achieve best results. Keep from freezing.

## SITE PREPARATION

Follow the procedure outlined in the EPA guidance document "ASBESTOS CONTAINING MATERIALS IN SCHOOL BUILDINGS PART 1 AND 2", available from:

U.S. Environmental Protection Agency, Office of Toxic Substances  
Washington, D.C. 20460


## SPRAY APPLICATION

CHIL-BRIDGE CP-211 coating may be sprayed with many types of equipment, including airless spray. It may also be sprayed with conventional mastic spray equipment using an external atomizing spray gun. For best results, Foster recommends the following airless spray equipment. Average viscosity range: 100,000-130,000 cps.

PUMP: Graco Bulldog Hydramastic, 40:1 ratio (model 204-925) air regulator with inductor plate (207-039).  
COMPRESSOR: Capable of 75 CFM and maintaining 100 PSIG.  
FLUID HOSE: High pressure capable of 4,000 PSI. One inch up to 150 feet. 3/4 inch after the first 150 feet. Use 8' (2.4 m) 1/2" I.D. hose for coupling to the gun.  
GUN: Graco Hydra-Mastic #207-300 with Reverse-A-Clean 205-614.  
TIP SIZES: 635 to 655.

## CLEAN UP

Use fresh water to clean equipment before the product dries. Dry product may be removed with hot soapy water or strong solvents such as chlorinated solvent (non-flammable) or xylol (flammable).

	GENERAL PURPOSE COATING	
	SURFACE BURNING CHARACTERISTICS	
Applied to 1/4" Inorganic Reinforced Cement Board		
Flame Spread:		10
Smoke Developed:		5-40
Rate per Coat (Sq.ft/gallon):		16.7
Number of Coats		1
Flash point of liquid coating (closed cup):	no flash to boiling	
	282U	

## CUSTOMER SERVICE—800-832-9002

IMPORTANT: H.B. 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.**