



# 30-16

Product Data Sheet

## PROPERTIES

**COLOR:**

Off White, wet and dry

**APPLICATION:**

Brush, Spray

**AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):**

13.2 lbs. (1.58 kg/l)

**AVERAGE NON-VOLATILE (ASTM D 2369):**

51% by volume (69% by weight)

**COVERAGE RANGE:**

(Subject to type of surface being coated and method of application)

100-150 sq. ft. per gallon (2.5 to 3.7 m<sup>2</sup>/l) 0.016 to .011 in. (0.41 to 0.28 mm) wet thickness

**DRYING TIME 73°F (23°C) 50% RH:**

Set to Touch: 45 to 90 minutes

Dry Through: 2 to 3 hours

Higher humidity or lower temperatures may retard drying.

**SERVICE TEMPERATURE LIMITS:**

(Temperature at coated surface)  
-320°F to 200°F (-196°C to 93°C)

**WET FLAMMABILITY (ASTM D 93):**

Flash point over 212°F (100°C)

**SURFACE BURNING CHARACTERISTICS (ASTM E-84):**

Flame Spread:10

Smoke Developed:10

Tested at coverage rate of 70 sq. ft. per gal. (1.72 m<sup>2</sup>/l).

Applied to 1/4 inch (6.4mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

**FREEZE THAW STABILITY (FSTM 51):**

Passes three cycles.

## FOSTER FIRE RESISTIVE ANTI-ABRASION COATING WATER BASED

**FOSTER Fire Resistive Anti-Abrasion Coating** is a high solids, water based fire resistive bore coating for the inner surfaces of cellular glass, rigid polyurethane, urea-formaldehyde, or polyisocyanurate foam insulation to reduce abrasion from vibration and temperature changes of piping or vessels. Its strong adhesive qualities through a wide temperature range permit its use on extremely low temperature and dual temperature equipment. It is light in color to facilitate application and ensure full coverage of the insulation surface.

**Fire Resistive Anti-Abrasion Coating** contains no asbestos, lead, mercury, or mercury compounds.

**Fire Resistive Anti-Abrasion Coating** meets requirements for LEED 2009 IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC: 15 g/l, less water and exempt solvents.

**NUCLEAR GRADE Fire Resistive Anti-Abrasion Coating 30-16Q** can be supplied to meet the stress corrosion and chemical analysis requirements of nuclear regulatory guide 1.36 on special order.

**LIMITATIONS**

Store and apply between 40°F (4°C) and 100°F (38°C). Protect from freezing until dry.

Remove product from metal piping or other pieces of insulation while it is still wet.

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H.B. Fuller Construction Products Inc.

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# APPLICATION GUIDE FOR FOSTER FIRE RESISTIVE ANTI-ABRASION COATING 30-16

## MATERIAL PREPARATION

Stir well. DO NOT THIN. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use to prevent surface skinning.

## APPLICATION

Apply at 100 to 150 sq. ft./gal. (2.5 to 3.7 m<sup>2</sup>/l) to clean, dry inner surface or bore of cellular glass insulation. Allow to dry before installing insulation.

## BRUSH

Use clean paintbrushes (suitable for water-base paints). Apply in a single heavy, full brush coat at recommended coverage. Avoid criss-cross brushing.

## SPRAY

30-16 can be applied using a variety of spray equipment. For spray equipment information, please contact your spray equipment supplier. Average Viscosity Range: 20,000 - 30,000 cps. Before using for the first time, existing spray systems must be completely cleaned and free of the old coatings and solvents. Corrosion resistant pumps and fittings are suggested.

## CLEAN UP

To clean up, use warm soapy water if still wet. When dry, use mineral spirits (flammable) or chlorinated solvent (non-flammable).

### DATA REPORTED FROM ASTM E-84 FIRE TEST (TUNNEL TEST)

<b>COATING, GENERAL PURPOSE</b>	
<b>H.B. Fuller Company</b>	
	Surface Burning Characteristics
Surface	1/4 inch (6.4 mm) Inorganic Reinforced Cement Board
Flame Spread	10
Smoke Developed	10
Number of Coats	1
Rate Per Coat (sq. ft. per gal.)	70

### 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 Safety Data Sheet and container label for further information.**