



30-16 WB Fire Resistive Anti-Abrasion Coating

Colour

Off White, wet and dry

Application

Brush, Spray

Average Weight/U.S. Gallon

(ASTM D 1475)
13.2 lbs (1.60 kg/l)

Average Non-Volatile (ASTM D 2369)

51% by volume (69% by weight)

Coverage Range (FSTM 72)

(Subject to type of surface being coated and method of application)
100-150 sq. ft. per gallon (2.5 to 3.7 m²/l) 0.016 to .011 in. (0.41 to .28 mm) wet thickness

Drying Time 73°F (23°C) 50% RH (ASTM D 1640)

Set to Touch: 45 to 90 minutes
Dry Through: 2 to 3 hours
Higher humidity or lower temperatures may retard drying.

Service Temperature Limits (FSTM 70)

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

Wet Flammability (ASTM D93)

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 m²/l).
Applied to ¼ inch (6.4 mm) 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

is a high Solid, water based fire resistive bore coating for the inner surfaces of cellular glass, rigid polyurethane, ureaformaldehyde, or polyisocyanurate foam insulation to reduce abrasion from vibration 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 colour to facilitate application and eliminate holidays.

Fire Resistive Anti-Abrasion Coating

contains no asbestos, lead, mercury, or mercury compounds.

Nuclear Grade Fire Resistive Anti-Abrasion Coating 30-16

can be supplied to meet the stress corrosion and chemical analysis requirements of MIL-1-24244C or 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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FSTM: Foster Standard Test Method



FOSTER FIRE RESISTIVE ANTI-ABRASION COATING 30-16 WB

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 m²/l) to clean, dry inner surface of 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) Coating, General Purpose H.B. Fuller Company

Surface Burning Characteristics

Surface	¼ 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

For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication. In the course of time changes herein may (have) take(n) place. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published* shelf life.

* If not applicable, within 6 months from date of supply.