



30-36 Sealfas[®] Coating

Colour

White

Application consistency

Brush or spray

Average weight/U.S. Gallon

(ASTM D 1475)
10.4 lbs. (1.26 kg/l)

Average Non-Volatile (ASTM D 1644)

40% by volume (51% by weight)

Coverage Range (FSTM 72)

(Subject to the type of surface being coated.) Wet coverages shown below are for smooth non-porous surfaces. Porous or rough surfaces may require higher volume to attain required dry thickness. 40-70 sq. ft. per gal. (1.0-1.7 m²/l) per coat 0.040 in. to 0.023 in. wet film thickness (1.0 to 0.6 mm) per coat.

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

Set to Touch : 2 hours
Dry Through : 15 hours

Service Temperature Limits (FSTM 70)

(Temperature at coated surface) 0°F to 180°F (-18°C to 82°C)

Water vapour permeance (ASTM F 1249)

1.3 perms at 0.031 in. dry film thickness, (0.9 metric perms at 0.8 mm)

Wet Flammability (ASTM D 3278)

No flash to boiling, 212°F (100°C)

Surface Burning Characteristics (ASTM E 84)

Flame Spread : 10
Smoke Developed : 5

Tested at coverage rate of 40 sq. ft. per gal. (1.0 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.

Foster Sealfas Coating is a white, tough, washable, abrasion-resistant indoor coating for thermal insulation. It is also used as a lagging and lap adhesive for canvas and glass lagging cloth. It has excellent brushing characteristics which will result in better coverage and more uniformly coated surfaces. It presents a neat white finish, and will not yellow or become discoloured with age. The surface can be washed free of grease, oil, soot, and other dirt accumulation.

Sealfas Coating provides a protective finish for insulation on air conditioning ducts and cold water piping when applied in 2 coats with 10x10 white glass cloth embedded between coats. When relative humidity exceeds 75% for continuous periods, or where the insulated piping or equipment contains chilled water, brine or refrigerant, additional vapour barrier protection is suggested.

Sealfas Coating is compatible with polystyrene and polyurethane foam insulations.

Sealfas Coating conforms with current requirements regarding use in meat and poultry processing areas under federal inspection. Letter of certification is available upon request.

Sealfas Coating meets the requirements of Military Specification MIL-A-3316C/D, Class 1, Grade A.

Sealfas Coating is approved by the U.S. Coast Guard under 164.012.

Sealfas Coating is produced under the classification and follow-up service of Underwriter's Laboratories, Inc. and meets NFPA 90A and 90B 25/50 requirements.

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

Limitations

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

Always test foil and paper facings for acceptable adhesion before using.

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FSTM : Foster Standard Test Method



FOSTER SEALFAS® COATING 30-36

Material Preparation

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

Application

1. Apply a tack coat of SEALFAS Coating at 60-70 sq. ft. per gal. (1.5 – 1.7 m²/l).
2. Immediately imbed the selected lagging fabric into the wet coating. Smooth to avoid wrinkles and overlap seams by at least 2 inches (5 cm).
3. Immediately apply a finish coat at 60-70 sq. ft. per gal. (1.5 – 1.7 m²/l). The dry film thickness of this application will vary with the fabric selected. For air conditioning ducts, increase the coverage rate to 40-50 sq. ft. per gal. (1.0 – 1.2 m²/l) for each coat.

Brush

Use clean paintbrushes (suitable for water-base paints). Apply with full brush and spread out evenly.

Spray

Sealfas Coating may be airless spray applied. For spray equipment information please consult your airless spray equipment supplier. Average viscosity range: 55,000 – 75,000 cps. Corrosion resistant pumps and fittings are suggested.

Clean Up

Use clean fresh water for cleaning brushes and equipment before product dries. Dry product may be removed with hot soapy water or strong solvents such as chlorinated solvent (non-flammable) or mineral spirits (flammable).

Data Reproduced From Underwriters' Laboratories, Inc. Building Materials Directory Coating, General Purpose H.B. Fuller Company R 3593

Surface Burning Characteristics:

Surface	¼ inch (6.4 mm) Inorganic Reinforced Cement Board
Flame Spread	10
Smoke Developed	5
Number of Coats	1
Rate per Coat (sq. ft. per gal.)	40

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.