TEMATI Foster
THINKING SOLUTIONS

Technical Data Sheet



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, fire resistive, 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 reinforcing fabric 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. It may be applied to the joint or edges of fibrous duct liner insulations to seal and prevent air erosion.

Sealfas Coating complies with the requirements of Annex A.1, Item No.A.1/3.18b and Annex B, Module B in the Directive. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO FTP Code.

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 m^2/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 m^2/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 m^2/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).

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. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. 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.