



30-36 HF Foster® Sealfas® Coating

Colour
White

Application consistency
Brush or spray

Average weight / U.S. Gallon (ASTM D1475)
10.4 lbs. (1.25 kg/l)

Average non-volatile (ASTM D2369)
39% by volume (51% by weight)

Coverage range
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 gallonage to attain required dry thickness.
40 – 70 sq. ft. per gal. (1.0 – 1.7 m²/l) per coat
0.040 in. – 0.023 in. wet film thickness
(1.0 – 0.6 mm) per coat

Drying time 73°F (23°C) 50% RH
Set to Touch: 2 Hours
Dry Through: 15 Hours

Service temperature limits
Temperature at coated surface.
0°F to 180°F (-18°C to 82°C)

Wet flammability
No flash to boiling, 212°F (100°C)

Water vapor permeance (typical average)
ASTM F1249: 1.2 perms at 0.0125 in. dry film thickness (0.8 metric perms at 0.63 mm). Tested at 24°C and 50% RH.

Surface burning characteristics (ASTM E84)
Flame Spread: 0
Smoke Developed: 5
Tested at coverage rate of 40 sq. ft./gal. (1.0 m²/l). Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

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.

SEALFAS® meets NFPA 90A and 90B 25/50 requirements.

FOSTER® SEALFAS® 30-36 HF™ Coating is a halogen-free, 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® 30-36 HF™ 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 vapor barrier protection is suggested.

SEALFAS® 30-36 HF™ 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.

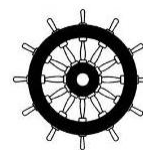
SEALFAS® 30-36 HF™ Coating meets the requirements of Military Specification MIL-DTL-3316D Class 1, Grade A and is listed on the QPD.

SEALFAS® 30-36 HF™ Coating is approved by the U.S. Coast Guard under 164.112/172/0 (SOLAS/IMO approval) superseding 164.012.

SEALFAS® 30-36 HF™ meets the requirements of:

- MAS Certified Green®
- VOC Emissions and Content requirements to contribute to LEED v4 EQ Credit: Low Emitting Materials – Paints and Coatings

VOC Content: 42 g/l, less water and exempt solvents.



1408/YY



30-36 HF Foster® Sealfas® Coating

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 at 60 – 70 sq. ft. per gal. (1.5 – 1.7 m²/l).
2. Immediately embed the selected lagging fabric into the wet coating. Smooth to avoid wrinkles and overlap seams by at least 2 inches (5 cm).
1. 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 paint brushes (suitable for water-based paints). Apply with full brush and spread out evenly.

SPRAY

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

TOP COATING

If it is to be top coated with anything other than an alkyd enamel conforming to DOD-E-24607 as specified in MIL-DTL-3316D, the user must confirm by his/her own tests that the products are compatible and that the final results are satisfactory.

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

GENERAL PURPOSE COATING SURFACE BURNING CHARACTERISTICS 282U	
Applied to ¼" Inorganic Reinforced Cement Board	
Flame Spread:	0
Smoke Developed:	5
Number of Coats:	1
Rate per Coat (sq. ft./gal.):	40
Flash point of liquid coating (closed cup):	No flash to boiling

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