



30-36 HF™

Product Data Sheet

PROPERTIES

COLOR:

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: 1.3 perms at 0.018 in. dry film thickness (0.9 metric perms at 0.46 mm). 0.7 perms at 0.03 in. dry film thickness (0.5 metric perm at 0.8mm dft) 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.

Sealfas® 30-36 HF™ Coating meets NFPA 90A and 90B 25/50 requirements.

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® 30-36 HF™ Coating is also available in a low viscosity version as a special order.

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FOSTER® SEALFAS® 30-36 HF™ COATING

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 discolored 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®
- California Dept. of Public Health Standard Method v1.2
- VOC Emissions and Content requirements to contribute to **LEED v4** EQ Credit: Low Emitting Materials – Paints and Coatings
- Collaborative for High Performance Schools EQ 7.1

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



1408/YY

U.S. Coast Guard Certification: 164.112/172/0

Visit us on the web at www.fosterproducts.com

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APPLICATION GUIDE FOR FOSTER® SEALFAS® COATING 30-36 HF™

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).
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 paint brushes (suitable for water-based paints). Apply with full brush and spread out evenly.

SPRAY

Sealfas® Coating may be airless spray applied. Average viscosity range: 70,000 – 90,000 cps. Corrosion resistant pumps and fittings are suggested. At a minimum we suggest the following airless spray equipment or suitable alternative package:

PUMP	Graco Checkmate pump, 40:1 on 100cc lower, NXT2200 motor mounted on ram plate, Graco S20C – 5 gallon cart mounted ram
FLUID HOSE	High pressure capable of 4,000 PSI. ½" inch up to 50 feet. ¾ inch over 50 feet. Use 8' x 1/2" I.D. hose for coupling to the gun. A higher ratio pump set-up will allow for longer hose runs up to 150'
GUN	Graco mastic or textured coating spray guns with TIP SIZES 521 to 527 Reverse-A-Clean tips

There are many configurations of airless spray equipment that may be used and we suggest contacting an airless spray equipment supplier to put together a complete package. Most manufacturers of mastic spray equipment maintain nearby service facilities to aid in the selection and any technical problems that arise with their equipment.

Electric airless spray units such as a Graco Ultramax 795 or 1095 sprayer may also be used, however, due to the body of the coating they may not be capable of completely emptying a pail while spraying. A minimum volume in the pail may need to be maintained.


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	
		R3593

CUSTOMER SERVICE: (800) 832-9002

IMPORTANT: H.B. Fuller Construction Products Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER'S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

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 twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

**For professional use only. Keep out of reach of children.
Consult Safety Data Sheet and container label for further information.**