



30-36AF

Product Data Sheet

PROPERTIES

COLOR:
White

APPLICATION CONSISTENCY:
Brush or spray

AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475):
10.4 lbs. (1.25 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 gallonage 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 VAPOR 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./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.

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Visit us on the web at www.fosterproducts.com

FOSTER SEALFAS® COATING AF (Fungus Resistant)



FOSTER SEALFAS Coating 30-36AF is a specially formulated white, tough, washable, abrasion-resistant indoor coating for use over thermal insulation in areas where high humidity and elevated temperatures are a problem. It is designed to resist mold, fungus and mildew growth on its surface and protect the insulation system. It is also used as a lagging and a lap adhesive for canvas and glass lagging cloth where additional fungal resistance of the adhesive is required. 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 Coating 30-36AF provides a protective finish for insulation on air conditioning ducts and cold water piping when applied in 2 coats with 20x20 white glass cloth embedded between coats. When relative humidity exceeds 75% for continuous periods, an additional coat of vapor barrier protection such as Foster 30-80 or 60-95 is suggested.

SEALFAS Coating 30-36AF offers the same proven qualities of standard Foster Sealfas Coating 30-36 with the added benefit of excellent fungus resistance.

SEALFAS Coating 30-36AF meets NFPA 90A and 90B 25/50 requirements and is compatible with polystyrene and polyurethane foam insulations.

SEALFAS Coating 30-36AF meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings.
VOC: 17 g/l, less water and exempt solvents.

SEALFAS Coating 30-36AF 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.

This product does not protect users or others against bacteria, viruses, germs or other disease organisms. It does not take the place of normal cleaning and disinfecting procedures.

03/08

Specialty Construction Brands, Inc.

1105 South Frontenac St o Aurora, IL 60504 o 800-231-9541 o fax 800-942-6856

APPLICATION GUIDE FOR FOSTER SEALFAS COATING 30-36AF

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 30-36AF 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 paint brushes (suitable for water-base paints). Apply with full brush and spread out evenly.

SPRAY

30-36AF 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.

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		R-3593
H.B. Fuller Company		
	Surface Burning Characteristics	
	1/4 inch (6.4 mm) Inorganic	
	Reinforced Cement Board	
Surface Flame Spread		10
Smoke Developed		5
Number of Coats		1
Rate per Coat (sq. ft. per gal.)		40



CUSTOMER SERVICE—800-231-9541 OR 800-338-2975

IMPORTANT: Specialty Construction Brands, 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 six months from date of shipment to the original purchaser.

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



PROPERTIES

COLOR:

White

APPLICATION CONSISTENCY:

Brush or spray

AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475):

10.4 lbs. (1.25 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 gallonage 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 VAPOR 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./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.

BS476, Part 7: Class 1

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Visit us on the web at www.fosterproducts.com

FOSTER® SEALFAS® COATING



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 discolored 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 vapor 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 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 Class 1, Grade A, and is listed on the Q.P.L.

Sealfas Coating is approved by the U.S. Coast Guard under 164.012 and 164.112 (SOLAS/IMO approval).

Sealfas Coating meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC: 15 g/l, less water and exempt solvents.

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.

APPLICATION GUIDE FOR 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 Foster® 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 paint brushes (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 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 Sealfas Coating 30-36 is to be top coated with anything other than an alkyd enamel conforming to DOD-E-24607 as specified in Mil-A-3316C, the user must confirm by his 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

COATING, GENERAL PURPOSE		R-3593
H.B. Fuller Company		
	Surface Burning Characteristics	
	1/4 inch (6.4 mm) Inorganic	
	Reinforced Cement Board	
Surface Flame Spread		10
Smoke Developed		5
Number of Coats		1
Rate per Coat (sq. ft. per gal.)		40



CUSTOMER SERVICE: 800-231-9541

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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 six months from date of shipment to the original purchaser.

For professional use only. Keep out of reach of children.

Consult Material Safety Data Sheet and container label for further information.



60-95/60-96

Product Data Sheet

PROPERTIES

COLOR:

60-95 White

60-96 Gray

Other colors available on special order.

APPLICATION CONSISTENCY:

Airless spray or brush

AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475):

9.6 to 10.0 lbs. (1.15 to 1.20 kg/l)

AVERAGE NON-VOLATILE (ASTM D 1644):

33% by volume (46% by weight)

COVERAGE RANGE (FSTM 72):

(Subject to the nature of material coated.) Wet coverages shown below are for smooth non-porous surfaces. Porous or rough surfaces will require higher gallonage to attain required dry thickness.

Dry Thickness: 0.032 inch (0.8 mm)

Equivalent Wet Coverage: 0.096 inch (2.4 mm)

6 gal./100 sq. ft. (2.4 l/m²)**DRYING TIME (ASTM D 1640):**

Set to Touch: 3-4 hours

Dry Through: 24 hours

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

-50°F to 220°F (-46°C to 104°C)

WATER VAPOR PERMEANCE:

ASTM E 96, Method E, 0.025 perms

(0.016 metric perms) at 51 mils dry (1.3mm)

ASTM E-96 Procedure A, 0.018 perms (0.012 metric perms) at 26 mils (0.66mm) dry

ASTM F 1249, 0.05 perms (0.033 metric perms) at 30 mils dry (0.8mm). Tested at 100°F (38°C) and 90% RH.

WET FLAMMABILITY (ASTM D 3278):

Flash point 110°F (43°C)

SURFACE BURNING CHARACTERISTICS**(ASTM E 84):**

Flame Spread: 10

Smoke Developed: 15

Tested at coverage rate of 25 sq. ft./gal. (0.61 m²/l). Applied to 1/4 inch (6.4mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

Visit us on the web at www.fosterproducts.com

FOSTER MONOLAR® COATING



FOSTER MONOLAR Coating is a tough flexible fire-resistive elastomeric finish for protection of outdoor thermal insulation. It contains DuPont Hypalon* rubber. It is an excellent vapor barrier for low temperature insulation on tanks, pipework, vessels, ductwork, and fittings.

MONOLAR Coating provides outstanding weather barrier protection, showing good color retention, excellent chemical resistance, and durability. It has excellent resistance to UV and sunlight.

MONOLAR Coating provides outstanding weather barrier and vapor barrier protection for sprayed polyurethane foam in outdoor locations. It is a one-component, high film strength product, usually applied in two coats with standard airless spray equipment. It sprays easily and cleanly with a minimum of cobwebbing.

MONOLAR Coating is an ideal finish for flexible cellular insulation tubing and sheets. Apply by brush in two coats.

MONOLAR Coating is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

MONOLAR Coating meets NFPA 90A and 90B 25/50 requirements.

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

LIMITATIONS

Store and apply between 40°F (4°C) and 100°F (38°C).

For best results, select Elastolar 95-44 for insulation joint sealing under Monolar coating.

Always test plastic materials for compatibility when using a solvent base product.

Outdoor horizontal surfaces must always drain completely. A pitch of at least 1/2" per foot (4 cm/m) is recommended.

Make certain this product is completely dry and the area free from solvent odor if food is involved.

Select Monolar Mastic 60-90 (white) or 60-91 (gray) for trowel or glove application.

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*Trademark of E.I. Dupont Company

7/07
DPI

Specialty Construction Brands, Inc.

1105 South Frontenac Street • Aurora, IL 60504 • 800-231-9541 • fax 800-942-6856

APPLICATION GUIDE FOR FOSTER MONOLAR® COATING 60-95/60-96

MATERIAL PREPARATION

Stir well. DO NOT THIN. Apply only to clean dry surfaces. Keep container closed when not in use to prevent solvent evaporation.

APPLICATION

To prevent water vapor and moisture infiltration, proper and complete flashing is required. Follow flashing specifications.

Normal Service:

Apply a tack coat of MONOLAR Coating at a thickness of 1/32 inch (0.8mm). This is equivalent to 2 gal./100 sq. ft. (0.8 l/m²). Embed Foster MAST-A-FAB or Chil-Glas® #10 white membrane into wet tack coat. Smooth membrane to avoid wrinkles and overlap all seams at least 2 inches (5 cm). Apply a finish coat of MONOLAR Coating at a minimum thickness of 1/16 inch (1.6mm). This is equivalent to 4 gal./100 sq. ft. (1.6 l/m²). This finish coat shall be applied no later than 2 hours after the tack coat and shall completely cover membrane. This application shall provide a minimum dry film thickness of 32 mils (0.8mm).

Severe and Cryogenic Service:

After the first two coats have set, 24 hours minimum or until dry, apply an additional coat of MONOLAR Coating at a thickness of 3/64 inch (1.2 mm). This is equivalent to 3 gal./100 sq. ft. (1.2 l/m²). This additional application shall provide a minimum dry film thickness of 48 mils (1.2mm).

Application - Sprayed Polyurethane Foam

Sprayed Polyurethane Foam may be primed with Foster 40-26 Waterbase Primer prior to the application of MONOLAR Coating to improve adhesion. Many Sprayed Polyurethane Foam systems are different; end user should always perform an adhesion test to ensure that the adhesion of MONOLAR Coating and primer system with the foam insulation is sufficient.

Spray:

MONOLAR Coating may be airless spray applied. For spray equipment information, please consult Foster's Airless Spray Recommendations or contact your airless spray equipment supplier. Average viscosity range: 10,000-30,000 cps.

Brush:

Use a good brush, making strokes as long as possible over the surface. Multiple coats may be needed to achieve the minimum dry film thickness. Do not overwork. Best appearance may be achieved by smoothing wet MONOLAR Coating with a clean brush dampened with detergent (not soap) foam, being careful not to pick up any MONOLAR on the brush.

CLEAN-UP

Use xylol (flammable) or chlorinated solvent (non-flammable) for cleaning equipment. (Dried MONOLAR Coating is extremely difficult to remove.)

DATA REPRODUCED FROM UNDERWRITERS' LABORATORIES, INC. BUILDING MATERIALS DIRECTORY

COATING, GENERAL PURPOSE	R3593
H.B. Fuller Company	
	Surface Burning Characteristics
	1/4 inch (6.4 mm) Inorganic
Surface	Reinforced Cement Board
Flame Spread	10
Smoke Developed	15
Number of Coats	1
Rate Per Coat (sq. ft. per gal.)	25



CUSTOMER SERVICE—800-231-9541 OR 800-338-2975

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For industrial use only. Keep out of reach of children.

Consult Material Safety Data Sheet and container label for further information.



Foster® 81-10™ Product Data Sheet

PROPERTIES

COLOR: Green

APPLICATION CONSISTENCY:
Spray, brush or roller.

AVERAGE WEIGHT / U.S. GALLON (FSTM 3):
6.2 lbs. (0.74 kg/l)

AVERAGE NON-VOLATILE (FSTM 9A):
16% by volume (22% by weight)

COVERAGE RANGE (FSTM 72):
(Subject to type of surface and nature of material being bonded.) 200 to 400 sq. ft. per gallon (4.9 to 9.8 m²/l)
0.008 in. to 0.004 in. wet film thickness (0.2 to 0.1 mm)

BOND TIME RANGE (FSTM 66):
0 to 15 minutes

SERVICE TEMPERATURE LIMITS (FSTM 70):
(Temperature at coated surface)
-20°F to 200°F (-29°C to 93°C)

WET FLAMMABILITY (ASTM D 93):
Flash point -7°F (-22°C)

SURFACE BURNING CHARACTERISTICS (ASTM 84):
Flame Spread: 10
Smoke Developed: 25
Tested at coverage rate of 200 sq. ft./gal. (4.9 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.

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FOSTER® S.M. ADHESIVE



Foster® S.M. Adhesive is a low cost, quick-setting synthetic elastomer adhesive for use with fibrous glass insulation (up to 3 lbs./cu.ft.) duct wrap and acoustical linings for air handling ducts.

S.M. Adhesive is designed for use in applications where fibrous glass insulation is bonded to the interior or exterior of sheet metal air-conditioning ducts.

S.M. Adhesive meets ASTM C916, Type IV (ASC-A-7001-A, Type IV) and NFPA 90A and 90B 25/50 requirements.

S.M. Adhesive is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

S.M. Adhesive contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS
Store and apply between 40°F (4°C) and 100°F (38°C).

Always test plastic materials for compatibility when using solvent base products.

Make certain this product is completely dry and the area free from solvent odor if food is involved.

Not suggested for sealing vapor barrier jackets.

Allow to dry to a solvent-free condition before installing weld pins.

Overhead applications may require mechanical fasteners.

APPLICATION GUIDE FOR FOSTER® S.M. ADHESIVE 81-10™

MATERIAL PREPARATION

DO NOT THIN. Stir well, but do not use sticks or boards, which would splinter or otherwise contaminate the product.

No need to prime aluminum or galvanized metal. Apply only to clean, dry surfaces. Keep container closed when not in use to prevent solvent evaporation.

APPLICATION

Brush:

Use a clean paintbrush. Apply uniformly to metal surface at 200-400 sq. ft./gal. (4.9-9.8 m²/l). Press insulation into place, making sure complete contact is made with applied adhesive. Bond may be made within 0 to 15 minutes.

Spray:

May be spray applied with conventional air atomizing equipment or airless spray equipment. For spray equipment information, please consult Spray Recommendations or contact your spray equipment supplier. Average viscosity range: 200-500 cps.

CLEAN-UP

Use solvents such as chlorinated solvent (non-flammable) or mineral spirits (flammable) for cleaning brushes and equipment.

DATA REPRODUCED FROM UNDERWRITERS' LABORATORIES, INC. BUILDING MATERIALS DIRECTORY

ADHESIVES		R-5661
H.B. Fuller Company		
		Surface Burning Characteristics
		Applied to 1/4 inch
		(6.4 mm) Inorganic
		Reinforced Cement Board
Surface Flame Spread	10	
Smoke Developed	25	
Tested as applied at a coverage of 200 sq. ft./gal.		



CUSTOMER SERVICE—800-231-9541 OR 800-338-2975

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



SAFETEE[®] Duct Sealant

32-17

Product Data Sheet

PROPERTIES

COLOR:
Light Gray

APPLICATION CONSISTENCY:
Brush, Trowel, Caulking Gun, or Power Extrusion

AVERAGE WEIGHT / U.S. GALLON (FSTM 3):
11.6 lbs. (1.35 kg/l)

AVERAGE NON-VOLATILE (FSTM 9A):
55% by volume (69% by weight)

COVERAGE RANGE (FSTM 72):
Brush: 25-50 sq. ft./gal (.6-1.2 m²/l)
0.064 in. (1.6 mm) -0.032 in. (0.8 mm) wet film thickness
Caulking Gun: 125 lineal ft. per 10.5 fluid oz. tube, 1/8 in. bead (38 m per .31 l tube, 3.2 mm bead.)
30 lineal ft. per 10.5 fluid oz. tube, 1/4 in. bead (9 m per .31 tube, 6.4 mm bead.)

SERVICE TEMPERATURE LIMITS (FSTM 165):
20°F to 200°F (-7°C to 93°C)

DRYING TIME 73°F (23°C) 50% RH (ASTM D 1640):
Set to Touch: 1 hour
Dry Through: 24 hours

WATER VAPOR PERMEANCE:
ASTM D 3278 Procedure A, 0.45 perms (0.30 metric perms) at 35 mils (.9 mm) dry

WET FLAMMABILITY (ASTM D 3278):
No flash to boiling, over 210°F (99°C)

SURFACE BURNING CHARACTERISTICS (ASTM E 84):
Flame Spread: 5
Smoke Developed: 0
Tested at coverage rate of 25 sq. ft./gal. (0.6 m²/l) in 2 in. (51 mm) wide strip. 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.

BS 476 Parts 6+7: Class "O"

SAFETEE Duct Sealant is produced under the classification and follow-up service of Underwriter's Laboratories, Inc. and meets NFPA 90A and 90B 25/50 requirements. It is approved for use in the City of Los Angeles, application number M-960081.

Safetee Duct Sealant contains no asbestos, lead, mercury, or mercury compounds.

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Visit us on the web at www.fosterproducts.com

FOSTER[®] SAFETEE[™] DUCT SEALANT



Foster[®] Safetee[™] Duct Sealant is a fire-resistive, fibrated water based, indoor/outdoor vapor barrier sealant for low, medium and high velocity heating and air conditioning ducts. It performs as a tough and flexible adhesive and sealant, forming a durable seal against air leakage when used with or without reinforcing tape or membrane. Mechanical fasteners of the type and number normally used for duct assemblies are required to provide rigidity to the duct system.

Safetee Duct Sealant has excellent weather resistance, low water vapor permeance and good water resistance, allowing it to be used outdoors and in high humidity environments. It is U.V. resistant. When dry, it may be painted with good quality water base paint.

Safetee Duct Sealant may be pressure tested within 16 hours dry time above 70°F (21°C) and below 60% RH. It quickly forms a strong bond to galvanized, aluminum or mild steel metal ducts. It has a mild odor when wet.

Safetee Duct Sealant will meet all SMACNA pressure classes up to 10" w.g. and SMACNA seal classes A, B, and C on ducts constructed to SMACNA standards. It has been tested up to 15" w.g. and passed with no sealant blow out.

Safetee Duct Sealant complies with current requirements regarding use in meat and poultry processing areas under federal inspection. Letter of compliance is available upon request.

Safetee Duct Sealant meets requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants. VOC: 45 g/l, less water and exempt solvents.

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

To resist rain washoff, allow at least 12-15 hours drying time above 40°F (4°C), with a relative humidity of 50%. Higher humidity or lower temperatures may retard drying.

Always test foil and paper facings for acceptable adhesion.

Outdoor horizontal surfaces must always drain completely. At pitch of at least 1/2 inch per foot (4cm/m) is required.

If used between impermeable surfaces, drying time will be extended.

Specialty Construction Brands, Inc.

1105 South Frontenac Street o Aurora, IL 60504 o 800-231-9541 o fax 800-942-6856

APPLICATION GUIDE FOR FOSTER® SAFETEE™ DUCT SEALANT (32-17) UL 181B-M

MATERIAL PREPARATION

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

APPLICATION: UL 181B MASTIC CLOSURE OF UL-181 FLEXIBLE AIR DUCTS:

Apply to clean, dry, oil-free surfaces by brush, trowel, or power extrusion. Brush out uniformly a 2" wide coat over the joint, at the nominal rate of 2 gal/100 sq ft (0.8 l/m²). Total coverage rate to be 45-55 ft²/gal. (1.1-1.4 m²/l) Allow the completed joint to dry at least 24 hours above 70°F (21°C) before pressure testing. High humidities (over 70%) and/or cooler temperatures may retard drying. Total wet film thickness to be 32 mils +/- 3 mils.

OTHER SEALING APPLICATIONS - NOT UL-181:

Apply a continuous film of Foster® Safetee™ Duct Sealant over all areas of the indoor or outdoor duct system where air leakage may occur. A brush may be used to work the sealant into joints and remove excess. On spiral ducts apply at coat to the male end of the coupling prior to fitting the straight run of spiral duct over it. Brush excess Safetee Duct Sealant over the joint to complete the seal. Screw holes and flanges should also be sealed with a coat of Safetee Duct Sealant. It may be applied to the inside or the outside of the duct.

POWER EXTRUSION


Safetee Duct Sealant may be applied using a wide variety of power (pressure) extrusion equipment suitable for use with waterbase sealants. It is a soft buttery gel with a typical viscosity range of 130,000 - 160,000 cps. Corrosion resistant pumps are fittings are suggested.

TOP COATING

After it is completely dry, Safetee Duct Sealant may be top coated with good quality water base paint.

CLEAN-UP

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

	UL 181B-M	
	6P84	
	ALSO CLASSIFIED for	
	Surface Burning Characteristics	
	Applied to Inorganic Reinforced Cement Board	
Flame Spread:		5
Smoke Developed:		0
Tested as applied in a 2 in. wide strip at coverage rate of 25sq ft/gal.		
312U		



CUSTOMER SERVICE: 800-231-9541

IMPORTANT: Specialty Construction Brands, 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 six months from date of shipment to the original purchaser.

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

CERTIFICATE OF ORIGIN

(2) SHIPPER/EXPORTER (COMPLETE NAME AND ADDRESS) DISTRIBUTION INTERNATIONAL 525 JOHNSTONE STREET PERTH AMBOY, NJ 08861-3341		(5) BOOKING NO. 960324068	(5A) BILL OF LADING NO.
(3) CONSIGNEE (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(6) EXPORT REFERENCES PO # 390415 INVOICE # 1742792	
(4) NOTIFY PARTY (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(7) FORWARDING AGENT/FMC NO. ALLROUND FORWARDING CO INC. 134 W 26TH ST. NEW YORK NY 10001 FMC 001216NF/CHB 29375 REF# 492494	
(12) INITIAL CARRIAGE BY (MODE)*		(13) PLACE OF INITIAL RECEIPT	
(14) VESSEL VOY FLAG MAERSK CHICAGO 1705		(15) PORT OF LOADING HOUSTON	
(16) PORT OF DISCHARGE JEBEL ALI		(17) PLACE OF DELIVERY BY ON-CARRIER	
(8) POINT AND COUNTRY OF ORIGIN TX US		(9) ALSO NOTIFY - ROUTING INSTRUCTIONS	
(9A) FINAL DESTINATION (OF THE GOODS NOT THE SHIP) UNITED ARAB EMIRATES		(10) LOADING TERMINAL	
(10A) ORIGINAL(S) TO BE RELEASED AT		(11) TYPE OF MOVE (IF MIXED, USE BLOCK 20 AS APPROPRIATE)	

MKS. & NOS./CONT. NOS. (18)	NO. OF PKGS (19)	DESCRIPTION OF PACKAGES AND GOODS in Schedule B detail (20)	GROSS WEIGHT (21)	MEASUREMENT (22)
MARKS JUMA AL MAJID JM/ 496123/ 2017 MADE IN USA	1	20 FT CONTAINER NO TGHU3272247 SEAL NO. 4497315 824 (5/GAL/1A2/5GAL DRUMS UN 1133 ADHESIVE, CLASS3, P.F. II, F.P. -22 DEGREES C CC EMERGENCY CONTACT: H.B. FULLER EMRG TEL: 1-713-527-3887 81-10 H.S. 3506.91	13268.710K	27.233M
	1	20 FT CONTAINER NO. MSKU3707034 SEAL NO. 449310		

FREIGHT PREPAID

CERTIFICATE OF ORIGIN

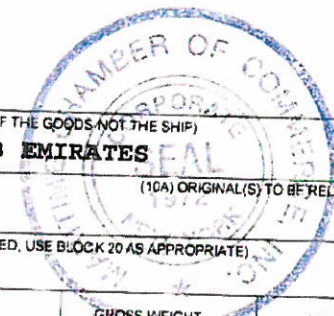
(2) SHIPPER/EXPORTER (COMPLETE NAME AND ADDRESS) DISTRIBUTION INTERNATIONAL 525 JOHNSTONE STREET PERTH AMBOY, NJ 08861-3341		(5) BOOKING NO 960324068	(5A) BILL OF LADING NO
(3) CONSIGNEE (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(6) EXPORT REFERENCES PO # 390415 INVOICE # 1742792	
(4) NOTIFY PARTY (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(7) FORWARDING AGENT/FMC NO. ALLROUND FORWARDING CO INC. 134 W 26TH ST. NEW YORK NY 10001 FMC 001216NF/CHB 29375 REF# 492494	
(8) POINT AND COUNTRY OF ORIGIN TX US		(9) ALSO NOTIFY - ROUTING INSTRUCTIONS 	
(12) INITIAL CARRIAGE BY (MODE) 	(13) PLACE OF INITIAL RECEIPT 	(9A) FINAL DESTINATION (OF THE GOODS NOT THE SHIP) UNITED ARAB EMIRATES	
(14) VESSEL VOY FLAG MAERSK CHICAGO 1705	(15) PORT OF LOADING HOUSTON	(10) LOADING TERMINAL 	(10A) ORIGINAL(S) TO BE RELEASED AT
(16) PORT OF DISCHARGE JEBEL ALI	(17) PLACE OF DELIVERY BY ON-CARRIER 	(11) TYPE OF MOVE (IF MIXED, USE BLOCK 20 AS APPROPRIATE) 	

MKS. & NOS./CONT. NOS. (18)	NO. OF PKGS (19)	DESCRIPTION OF PACKAGES AND GOODS in Schedule B detail (20)	GROSS WEIGHT (21)	MEASUREMENT (22)
	1	689 (5GAL/1H2 DRUMS) UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S. (C14-C17 CHLORINATED PARAFIN) CLASS 9, P.G. III, MARINE POLLUTANT, CLASS 9, (MARINE POLLUTANT), PG III EMERG CONTACT: H.B. FULLER EMERG TEL:1-713-527-3887 FOSTER 30-36 20 FT CONTAINER NO. PONU0499209 SEAL NO. 4497313 689 (5GAL/1H2 DRUMS) UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID	17189.000K	22.772M
			17189.000K	22.772M

The undersigned, J. WELLOCK

(Agent) does hereby declare for the above named shipper, the goods

CERTIFICATE OF ORIGIN

(2) SHIPPER/EXPORTER (COMPLETE NAME AND ADDRESS) DISTRIBUTION INTERNATIONAL 525 JOHNSTONE STREET PERTH AMBOY, NJ 08861-3341		(5) BOOKING NO. 960324068	(5A) BILL OF LADING NO.	
(3) CONSIGNEE (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(6) EXPORT REFERENCES PO # 390415 INVOICE # 1742792		
(4) NOTIFY PARTY (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(7) FORWARDING AGENT/ FMC NO ALLROUND FORWARDING CO INC. 134 W 26TH ST. NEW YORK NY 10001 FMC 001216NF/CHB 29375 REF# 492494		
(8) POINT AND COUNTRY OF ORIGIN TX US		(9) ALSO NOTIFY - ROUTING INSTRUCTIONS		
(12) INITIAL CARRIAGE BY (MODE)* (14) VESSEL VOY FLAG MAERSK CHICAGO 1705	(13) PLACE OF INITIAL RECEIPT (15) PORT OF LOADING HOUSTON	(9A) FINAL DESTINATION (OF THE GOODS NOT THE SHIP) UNITED ARAB EMIRATES (10) LOADING TERMINAL (10A) ORIGINAL(S) TO BE RELEASED AT (11) TYPE OF MOVE (IF MIXED, USE BLOCK 20 AS APPROPRIATE)		
(16) PORT OF DISCHARGE JEBEL ALI	(17) PLACE OF DELIVERY BY ON-CARRIER			
MKS. & NOS./CONT. NOS (18)	NO. OF PKGS (19)	DESCRIPTION OF PACKAGES AND GOODS in Schedule B detail (20)	GROSS WEIGHT (21)	MEASUREMENT (22)
	1	N.O.S. (C14-C17 CHLORINATED PARAFIN) CLASS 9, P.G. III, MARINE POLLUTANT, CLASS 9, (MARINE POLLUTANT), PG III EMERG CONTACT: H.B. FULLER EMERG TEL:1-713-527-3887 FOSTER 30-36 20 FFT CONTAINER NO. PONU2008449 SEAL NO. 4497314 389 (5GAL/1H2 DRUMS) UN 3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S. (C14-C17 CHLORINATED PARAFIN) CLASS 9, P.G. III, MARINE POLLUTANT, CLASS 9, (MARINE POLLUTANT), PG III	9749.000K	12.857M

The undersigned, T. WELLOCK

(Agent) does hereby declare for the above named shipper, the goods

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(2) SHIPPER/EXPORTER (COMPLETE NAME AND ADDRESS) DISTRIBUTION INTERNATIONAL 525 JOHNSTONE STREET PERTH AMBOY, NJ 08861-3341		(5) BOOKING NO. 960324068	(5A) BILL OF LADING NO.
(3) CONSIGNEE (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(6) EXPORT REFERENCES PO # 390415 INVOICE # 1742792	
(4) NOTIFY PARTY (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(7) FORWARDING AGENT/FMC NO. ALLROUND FORWARDING CO INC. 134 W 26TH ST. NEW YORK NY 10001 FMC 001216NF/CHB 29375 REF# 492494	
(8) POINT AND COUNTRY OF ORIGIN TX US		(9) ALSO NOTIFY - ROUTING INSTRUCTIONS 	
(12) INITIAL CARRIAGE BY (MODE)* 	(13) PLACE OF INITIAL RECEIPT 	(9A) FINAL DESTINATION (OF THE GOODS ON THE SHIP) UNITED ARAB EMIRATES	
(14) VESSEL VOY FLAG MAERSK CHICAGO 1705	(15) PORT OF LOADING HOUSTON	(10) LOADING TERMINAL 	(10A) ORIGINAL(S) TO BE RELEASED AT
(16) PORT OF DISCHARGE JEBEL ALI	(17) PLACE OF DELIVERY BY ON-CARRIER 	(11) TYPE OF MOVE (IF MIXED, USE BLOCK 20 AS APPROPRIATE) 	

MKS. & NOS/CONT. NOS. (18)	NO OF PKGS (19)	DESCRIPTION OF PACKAGES AND GOODS in Schedule B detail (20)	GROSS WEIGHT (21)	MEASUREMENT (22)
		EMERG CONTACT: H.B. FULLER EMERG TEL:1-713-527-3887 FOSTER 30-36AF 100 (5GAL/1A2/ DRUMS) UN 1139, COATING SOLUTION CLASS 3, PG III, F.P. 43 DEG C CC EMERG CONTACT: H.B. FULLER EMERG TEL 1-703-527-3887 FOSTER 60-95 H.S. 3208.90	2404.000K	3.305M
		400 FIBERBOARD BOXES EACH CONTAINERS 24X10.5 OZ CARTRIDGES UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE N.O.S. (C14-C17 CHLORINATED PARAFIN)	4652.000K	8.020M

The undersigned J. WELLOCK

(Agent) does hereby declare for the above named shipper the goods

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(2) SHIPPER/EXPORTER (COMPLETE NAME AND ADDRESS) DISTRIBUTION INTERNATIONAL 525 JOHNSTONE STREET PERTH AMBOY, NJ 08861-3341		(5) BOOKING NO. 960324068		(5A) BILL OF LADING NO.	
(3) CONSIGNEE (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(6) EXPORT REFERENCES PO # 390415 INVOICE # 1742792			
(4) NOTIFY PARTY (COMPLETE NAME AND ADDRESS) JUMA-AL MAJID EST. E.M.W. PO BOX 60204 PH:04-2037271 ALI AFZAL AL RAMOOL RASHIDIYA AIR PORT ROAD DUBAI UNITED ARAB EMIRATES		(7) FORWARDING AGENT/FMC NO. ALLROUND FORWARDING CO INC. 134 W 26TH ST. NEW YORK NY 10001 FMC 001216NF/CHB 29375 REF# 492494			
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(14) VESSEL VOY FLAG MAERSK CHICAGO 1705		(15) PORT OF LOADING HOUSTON		(10A) ORIGINAL(S) TO BE RELEASED AT	
(16) PORT OF DISCHARGE JEBEL ALI		(17) PLACE OF DELIVERY BY ON-CARRIER		(11) TYPE OF MOVE (IF MIXED, USE IN LOCK 20 AS APPROPRIATE)	
MKS & NOS./CONT. NOS. (18)	NO. OF PKGS. (19)	DESCRIPTION OF PACKAGES AND GOODS in Schedule B detail (20)		GROSS WEIGHT (21)	MEASUREMENT (22)
		CLASS 9, P.G. III, MAINE POLLUTANT LTD. QTY, 32-17 EMERG CONTACT: H.B. FULLER EMERG TEL:1-713-527-3887 H.S. 3214.90 THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. ULTIMATE DESTINATION UNITED ARAB EMIRATES. DIVERSION CONTRARY TO UNITED STATES LAW PROHIBITED.			
GUILLERMO COBO Notary Public, State of New York No. 0106033070 Qualified in New York Court Commission Expires Dec. 6, 2011					

The undersigned **J WELLOCK**

(Agent), does hereby declare for the above named shipper, the goods

as described above were shipped on the above date and consigned as indicated and are products of the United States of America Dated at **New York**on the **2nd** day of **May** 20 **17**Sworn to before me this **2nd** day of **May**20 **17**

The

MARLOWE CHAMBER OF COMMERCE, INC.
 A RECOGNIZED CHAMBER OF COMMERCE
 NEW YORK STATE

, a recognized Chamber of Commerce

under the laws of the state of

, has examined the manufacturer's invoice or shipper's affidavit

concerning the origin of the merchandise, and, according to the best of its knowledge and belief, finds that the products

named originated in the United States of America.