



PROPERTIES

ATTRIBUTES

COLOR:

White

APPLICATION CONSISTENCY:

Brush, spray or rollercoat

AVERAGE WEIGHT/U.S. GALLON (ASTM D1475):

11.1 lbs. (1.33 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):

42% by volume (57% by weight)

COVERAGE RANGE:

(Subject to the nature of material being coated.) Wet coverages shown below are for smooth, non-eroded surfaces. Eroded, rough or low density surfaces may require higher gallonage to attain required surface sealing. See application guide, other side.
0.50 to 1.25 gal./100 sq.ft. (0.20 to 0.51 l/m²) 0.008 to 0.020 in. wet thickness (0.20 to 0.51 mm)

DRYING TIME (ASTM D1640):

Set to Touch: 6 hours

Dry Through: 24 hours

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

-50°F to 180°F (-46°C to 82°C)

WET FLAMMABILITY (ASTM D93):

No flash to boiling, 212°F (100°C)

SURFACE BURNING CHARACTERISTICS

(ASTM E84):

Flame Spread: 5

Smoke Developed: 0

Tested at coverage rate of 100 sq.ft./gal. (2.45 m²/l).

Applied to 1/4" (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

Foster® 40-10™ Duct Liner Adhesive Coating (40-10) is a quick setting water-based adhesive and coating designed for field or shop application to faced or unfaced fiberglass duct liner insulation, or to unfaced fiberglass duct board insulation.

Foster 40-10 Duct Liner Adhesive Coating dries to form an effective air erosion preventive coating, sealing and reinforcing the surface of new or aged duct liner insulation materials.

Foster 40-10 Duct Liner Adhesive Coating is non-flammable when wet and extremely fire-resistant when dry. The dry film stays flexible and moisture resistant. It will not cause flash rusting on metal surfaces. Dry Foster Duct Liner Adhesive Coating resists mold, fungus, discoloration from mildew, and stains by mold. Its extremely high level of resistance enhances the longevity of the material.

Foster 40-10 Duct Liner Adhesive Coating meets requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.

Foster 40-10 Duct Liner Adhesive Coating contains no asbestos, lead, mercury, or mercury compounds. It 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. Water-based products may corrode carbon steel spray equipment. Corrosion resistant pumps and fittings are suggested. For interior use only.

DO NOT DILUTE.

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APPLICATION GUIDE FOR FOSTER® 40-10™ DUCT LINER ADHESIVE COATING

MATERIAL PREPARATION: DO NOT THIN. Apply only to clean, dry surfaces. Keep container closed when not in use.

SURFACE PREPARATION: Lined air ducts should be thoroughly cleaned to remove all mold, dust and loose particles, being careful not to tear or loosen the liner. All rusted metal surfaces must be primed with **Foster® 40-26™ Water Base Primer** before application of **Foster® 40-10™ Duct Liner Adhesive Coating**.

APPLICATION: Always ensure adequate ventilation by using negative air pressure in the HVAC system during application. Apply Foster Duct Liner Adhesive Coating to all surfaces by brush, roller or airless spray at a rate of approximately 0.50 to 1.25 gallons per 100 square feet (0.20 to 0.51 l/m²). Brushing will require two coats applied at 90° to each other. Under normal circumstances a spray application can be completed in one coat, but for extremely porous or irregular surfaces, a second coat may be required. Ensure that the finished surface is smooth and well sealed. For airless spray application, use an electric unit, suitable for use with water base paint, with a 0.019-0.025 fluid tip and 800-900 psi atomizing pressure at the gun. Average viscosity range: 6,000-12,000 cps.

Note: Continue to circulate fresh air throughout the system during the application and for as long after the application as is possible. Circulated air should be exhausted outside the building. If air must be exhausted inside the building, filtration through a charcoal medium is suggested. This circulation and filtration helps to reduce the dry time of the coating and reduce latex type odors that could possibly migrate from the application area. Be sure exhausted air is odorless before venting into occupied spaces.

MAINTENANCE: Normal cleaning procedure must be maintained in HVAC systems to remove accumulated airborne particles.

CLEAN-UP: Use fresh water to clean brushes before product dries. While the product is still wet, flush the equipment with a solution comprised of 1/2 cup sudsy ammonia, 1/2 cup pine oil cleanser, and 4 gallons of cool water. Flush until material exiting pump shows no evidence of Foster Duct Liner Adhesive Coating. Dry product may be removed with chlorinated solvents (non-flammable) or xylol (flammable).



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.**