



PROPERTIES

COLOR:

Gray

APPLICATION CONSISTENCY:

Brush, trowel, or spray

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

11.4 lbs. (1.37 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):

56% by volume (68% by weight)

COVERAGE RANGE (FSTM 72):

33-40 sq. ft. per gallon (0.8-1.0 m²/l)
0.048-0.040 in. (1.2-1.0 mm) wet film thickness

DRYING TIME RANGE (ASTM D1640):

Set to Touch: 2 hours
Dry Through: 4-7 days.
High humidity or low temperatures retard drying.

SERVICE TEMPERATURE LIMITS (FSTM 165):

0°F to 200°F (-18°C to 93°C)

WATER VAPOR PERMEANCE (ASTM F1249):

90% RH, 100°F, 20 mils dry
0.19 perm (0.13 metric perm)

WET FLAMMABILITY (ASTM D3828):

No flash to boiling, 210°F (99°C)

SURFACE BURNING CHARACTERISTICS (ASTM E84):

Flame Spread: 10
Smoke Developed: 35
Tested at a coverage rate of 40 square feet per gallon (1.0 m²/liter). Applied to inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

ATTRIBUTES

Foster® 40-60 Drip Pan Coating is a water-based, fire resistive, flexible, and tough coating for the protection of metal drip pans used in HVAC systems. It bonds to the surface of clean, bare metal without the use of primers, maintaining long-term protection of drip pans against corrosion, and reducing periodic maintenance.

Foster 40-60 Drip Pan Coating has excellent long-term resistance against the detrimental effects of harmful fungus, algae, and bacteria, and will not support their growth on the coating's surface. It will also provide vibration dampening.

Foster 40-60 Drip Pan Coating has the water resistance and low water vapor permeance normally found only in solvent-based coatings. It can be used in high humidity or wet environments. It will greatly retard moisture vapor penetration and inhibit corrosion of metal surfaces.

Foster 40-60 Drip Pan Coating may be placed in service after a minimum of 96 hours dry time. It dries forming a strong bond to galvanized steel, aluminum, or mild steel surfaces.

Foster 40-60 Drip Pan Coating meets requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.

Foster 40-60 Drip Pan 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. Water-based products may corrode carbon steel equipment. Corrosion resistant pumps and fittings are suggested. See other side for the complete directions and limitations.

DO NOT DILUTE.

APPLICATION GUIDE FOR FOSTER® 40-60™ DRIP PAN COATING

MATERIAL PREPARATION: DO NOT THIN. Keep container closed when not in use.

SURFACE PREPARATION - STEEL DRIP PANS:

New Galvanized Drip Pans: Remove all dust, dirt and oil from the surfaces to be coated.

Existing Drip Pans: Clean the entire pan by vacuuming, scrubbing or abrasion to remove all accumulated molds, dust, oils, loose particles or any other substance that could impair the bond. Remove all loose, cracked and deteriorated previously applied coatings. Remove all rust or oxidized zinc, by abrasion, to a sound surface. Prime all interior surfaces of the pan with **Foster® 40-26™ Waterbase Primer** and allow it to dry. Contact Foster for recommendations for drip pans constructed of other materials.

APPLICATION: Apply **Foster® 40-60™ Drip Pan Coating** to all surfaces by brush, trowel, or airless spray at a rate of approximately 2.5-3.0 gallons per 100 square feet. Always ensure negative air pressure in the HVAC system during application. After one hour has elapsed from completion of application, circulate fresh air throughout the system to dry the coating. Be sure exhausted air is odorless before ventilating into occupied room areas. Allow Foster Drip Pan Coating hours to dry completely before putting the unit into service.

BRUSH: Use a good brush (suitable for water-based paints), making strokes as long as possible over the surface. Apply with full brush and spread out evenly. Do not overwork. Brushing will require two coats applied at 90° orientations to each other.

SPRAY: Foster Drip Pan Coating may be airless spray applied in one coat. For airless spray application, use an electric unit such as Graco Ultra Max 1595 with a 0.027-0.032 fluid tip and 1000-1200 psi atomizing pressure at the gun. Remove the sprayer's in-line filter, or change it to a larger screen size if it's necessary to maintain sufficient fluid pressure or volume. Average viscosity range: 25,000-40,000 cps.

DIRECTIONS & LIMITATIONS:

1. Apply Foster Drip Pan Coating only to sound, cleaned, dry surfaces. (See Surface Preparation above.)
2. Replace any drip pans that are rusted through in any areas. Do not attempt to seal leaking pans with Foster Drip Pan Coating.
3. Foster Drip Pan Coating must be able to be applied at full coverage to the entire pan bottom and sides of the pan. Leaving the center area uncoated due to the construction of the unit will only provide a temporary fix and do nothing to prevent corrosion or mold growth in the center of the pan. It will also allow for moisture migration under the coating at the leading edge of the Foster Drip Pan Coating.
4. The pan must be dry during the application of Foster Drip Pan Coating, and maintained dry with the unit shut down a minimum of 96 hours (4 days) at temperatures above 60°F, or 168 hours (7 days) minimum if temperatures are 40 to 60°F. High humidity conditions will extend the dry time of the coating.
5. If the Foster Drip Pan Coating is not completely dried and cured when the unit is put back into service, wash-off is likely to occur.

MAINTENANCE: Wash down periodically with **Foster® 40-80™ Disinfectant**. Normal cleaning procedures must be maintained in HVAC drip pans to remove accumulated particles.

CLEAN-UP: Use fresh water to clean brushes and equipment 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 Drip Pan 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.

DS F40-60 R0908