

PROPERTIES

COLOUR: White

APPLICATION CONSISTENCY:

Brush or Airless Spray

SPECIFIC GRAVITY:

1.36kg/l

AVERAGE NON-VOLATILE (ASTM D 2369):

58% by volume

COVERAGE RANGE:

Wet coverages shown are for smooth, non-porous surfaces. Porous or rough surfaces may require greater coverage rates to obtain required thickness.

0.51l/m²

0.51mm wet thickness

0.27mm dry thickness

DRYING TIME:

Set to Touch: 4 hours

Dry Through: 16 hours

WATER VAPOR PERMEANCE (ASTM F 1249):

Tested at 90% R.H. differential and 38°C 4.0 metric perms at 0.28mm

SERVICE TEMPERATURE LIMITS:

-29°C to 93°C

SAFETY:

Wet Flammability

No Flash to Boiling 99°C

SURFACE BURNING CHARACTERISTICS

(AS/NZS 1530.3 - 1999):

Spread of Flame Index: 0

Smoke Developed Index: 3

Test specimen: approx 450 micron wet thickness applied to fibre reinforced cement board. The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

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www.fosterproducts.com**

FOSTER FUNGICIDAL PROTECTIVE COATING

FOSTER Fungicidal Protective Coating is a polyacrylate copolymer emulsion specifically formulated for long-term fungicidal activity, with no loss of activity on aging. It is formulated to effectively prevent the spread of moulds and bacteria on its surface. It provides a tough, elastic, decorative finish that allows for movement without splitting to create lodging places for bacteria.

FOSTER Fungicidal Protective Coating provides a cost effective decorative finish resistant to many industrial chemicals, together with long-lasting protection. It can be used on walls, ceilings, pipes, interior and exterior surfaces of HVAC duct systems, and wherever effective controls are essential.

FOSTER Fungicidal Protective Coating guards against the re-growth and spread of bacteria and moulds on the surface of the coated HVAC system or its treated components only. As a result, the building occupants may enjoy a work space free of the problems often associated with contaminated HVAC duct systems.

LIMITATIONS

Protect from freezing. Do not apply near food stuffs in unventilated areas. Always ensure adequate ventilation. Do not store or apply over 38°C or below 4.4°C.

Foster 40-20 should not be painted, it must remain the exposed surface. It can however be tinted to a pastel colour using standard water base paint tinting colours.

Waterbased products may corrode carbon steel spray equipment. Corrosion resistant pumps and fittings are suggested.

U.S. Patent No. 5,314,719

Foster 40-20 manufactured by Specialty Construction Brands, Inc. is registered in the United States as a fungicide under EPA Registration No. 63836-1.

For professional use only.

APPLICATION GUIDE FOR FOSTER FUNGICIDAL PROTECTIVE COATING 40-20

MATERIAL PREPARATION

DO NOT THIN. Keep container closed when not in use. Do not apply outdoors in damp or rainy weather.

SURFACE PREPARATION

Unpainted brick, plaster, and cement based surfaces: Apply only to clean, dry surfaces free of all dirt, grease, or impurities. On mould infested surfaces, aggressively scrape the surface, then wire brush to produce a firm, sound substrate. Wash the intended surface with Foster 40-80A Disinfectant following the instructions for its use, allow to dry completely before proceeding. Prime all unpainted brick, plaster and cement based surfaces with a waterbased primers and fill gaps with a block filler.

Painted Surfaces: Wire brush painted surfaces removing all flaking, loose, or chalking material. Sand all glossy surfaces (alkyl, oil, epoxy based coatings, etc.) to roughen entire area. Wash the intended surface with Foster 40-80A Disinfectant following the instructions for its use, then allow to dry thoroughly.

Metal Surfaces: Remove any dust, grease, oil, or contaminants. Abrade all surfaces to remove all surface rust. Wash the intended surface with Foster 40-80A Disinfectant, then allow to dry thoroughly. Prime surface with a waterbased metal primer.

Wooden Surfaces (unpainted): Remove all dirt, grease, oil, or contaminants. Remove all loose substrate materials, unnatural protrusions, splintered materials, etc. to a sound surface. Apply Foster 40-80A Disinfectant, following the instructions for its use, then allow to dry thoroughly. Prime any wooden surfaces that will be exposed to view and all hardwood surfaces with a waterbased primer.

HVAC Systems: Galvanized surfaces need to be vacuumed or washed clean of all accumulated mould, dust and loose particles. Following complete cleaning procedures, sanitize the entire metal air duct surface with Foster 40-80A Disinfectant, following the instructions for its use. Ensure that all interior surfaces are thoroughly dry before applying 40-20. All metal surfaces must be primed with a water based metal primer before application of 40-20. Lined air ducts should be lightly vacuum cleaned to remove all mould, dust, and loose particles, being careful not to tear or loosen the liner.

APPLICATION

Apply Foster 40-20 to all surfaces by brush or airless spray at a rate of approximately 0.51l/m². Always ensure adequate ventilation. 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 homogeneous. For airless spray application, select a pneumatic or electric airless unit capable of supporting a 0.525mm (0.021") or larger spray tip, and handling a water base coating with a typical viscosity range of 9000 – 11,000 cps. For HVAC systems interior surfaces: 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 odourless before ventilating into occupied room areas.

MAINTENANCE

Wash down periodically with a high quality biocidal wash. Where severely contaminated, scrub clean using steam cleaning where permissible. Normal cleaning procedures must be maintained in HVAC systems to remove accumulated airborne particles.

CLEAN-UP

Use fresh water to clean brushes and equipment before product dries. Dry product may be removed with chlorinated solvents (non-flammable) or xylol (flammable).

HAZARD STATEMENT:

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Prolonged skin contact may cause irritation. Acute overexposure to vapors may cause dizziness, headache, nausea, and unconsciousness. Since emptied containers may retain product residue, follow label warnings even after container is empty. Consult Material Safety Data Sheet for further information.



CUSTOMER SERVICE — 1800 423 855

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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.**