



Interior Defense™

Mold Resistant Coating (40-50)

Product Data Sheet

PROPERTIES

COLOR:

White

APPLICATION CONSISTENCY:

Brush, spray, or roller

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

11.4 lbs./gallon (1.37 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):

55.9% by weight (40.1% by volume)

COVERAGE:

Subject to type of surface and nature of material being coated. See application guide other side.

Typical coverage on smooth surfaces:

250-400 ft.²/gal. (6.1 to 9.8 m²/liter)

DRYING TIME (ASTM D1640):

Set to Touch: 40 minutes at ambient

Dry Through: 2 hours at ambient

High humidity or low temperatures retard drying.

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

-20°F to 180°F (-29°C to 82°C)

WATER VAPOR PERMEANCE:

ASTM F1249, >65 perms (>43 metric perms) at 3 mils dry film. Tested at 100°F (38°C) and 90% RH.

SAFETY:

WET FLAMMABILITY (ASTM D 92)

No flash to boiling, 210°F (99°C)

SURFACE BURNING CHARACTERISTICS (ASTM E84):

Flame Spread: 5

Smoke Developed: 0

Tested at a coverage rate of 300 sq.ft./gallon (7.4 m²/l). Applied to inorganic reinforced cement board.

The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

ATTRIBUTES

- A tough, water resistant coating for use in areas prone to mold growth.
- Specially formulated with select EPA-registered antimicrobial agents to provide long-term protection against odor causing bacteria, mold and mildew growth on its surface.
- Ideal for use in attic spaces, wall cavities, crawl spaces, floor joists or wherever mold remediation has occurred.
- Can be used over a variety of surfaces such as wood studs, OSB, plywood, painted surfaces, wall board, masonry, and metal.
- Applied at a coverage rate of 300 sq. ft. / gallon for fast drying and low odor application.
- Low viscosity and good body allows easy application with most airless spray equipment, brush, or roller.
- Water based formulation for non-hazardous application and use when applied according to instructions.
- Can be used for industrial, commercial, residential, hospital and school applications.
- Meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC: 38 g/l, less water and exempt solvents

LIMITATIONS:

Do not store or apply below 40°F (4°C) or above 100°F (38°C). Protect from freezing until dry. Surface must be clean, dry and free of wax, grease, oil, dirt, and other surface contaminants before the product is applied. Water based products may corrode carbon steel spray equipment. Corrosion resistant pumps and fittings are suggested. 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 & disinfecting procedures.

STIR WELL BEFORE USE.**DO NOT DILUTE.****FOR PROFESSIONAL USE ONLY.**

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APPLICATION GUIDE FOR FOSTER® INTERIOR DEFENSE™ (40-50)

MATERIAL AND SURFACE PREPARATION: Stir well. DO NOT THIN. Apply only to clean, dry surfaces. Ensure that all surfaces are free of all wax, grease, oil, dirt, rust, mold and other surface contaminants. Following complete cleaning procedures, sanitize the entire surface with **Foster® 40-80™ Disinfectant and Cleaner (40-80)** following manufacturer's directions. Patch any large voids or defects. On painted surfaces, remove all flaking, loose or chalking material. Sand all glossy painted surfaces using 220-grit sandpaper to roughen the entire area. All rusted metal surfaces must be primed with **Foster® Waterbase Primer (40-26)** before application. Although **Foster® Interior Defense™ (40-50)** may be applied directly onto cleaned, un-rusted galvanized surfaces, it is recommended that these surfaces be primed with Foster Waterbase Primer.

APPLICATION: Apply Interior Defense to all surfaces at a rate of 250-400 ft.²/gal. (6.1-9.8 m²/l) to create a uniform film on the surface. Spraying or brushing will give the smoothest finish. For optimum performance maintain uniform recommended coverage. Porous or uneven surfaces will require more material.

SPRAY EQUIPMENT: Interior Defense can be applied with virtually any type of airless spray equipment on the market today. Reversible cleaning 0.015" to 0.017" spray tips are recommended for optimum application. The average viscosity range is 2500-8000 cps.

IMPORTANT: When applying Interior Defense, proper personal protective equipment must be used. Necessary equipment and clothing are the same as would be used when applying other water based paints or coatings. Ensure that the application area is well ventilated during application to avoid build-up of vapors. Appropriate respiratory protection must be used when applying by airless spray. Use of a respirator with organic vapor cartridges is suggested if adequate ventilation can not be achieved. After application of Interior Defense continue to ventilate the area with fresh dry air to ensure proper drying of the coating and to exhaust odors. Ventilation should be continued until the odor is reduced to an acceptable level for building occupants.

CLEAN-UP: Use fresh water to clean equipment before product dries. Dry product may be removed with undiluted pine oil or citrus based cleaners, or with nonflammable chlorinated solvents.

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 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.**