

Foster® Full Defense™ 40-25 ("Foster Full Defense") is an EPA registered, low odor, quick setting, water-based coating specifically formulated for long-term fungicidal activity. It is designed to kill residual mold and mildew remaining after pre-cleaning contaminated surfaces, as well as to inhibit the growth and spread of odor-causing bacteria, mold and mildew on its surface in residential, institutional and industrial buildings. Foster Full Defense protects the surface of un-finished wood, drywall, oriented strand board, metal, masonry and other building materials from fungal growth. It can be used on walls, ceilings, pipes, wall cavities, crawl spaces, attics, basements and wherever effective controls are essential. It is specifically designed for field or shop application to painted and unpainted wood, fiberglass insulation, paper and polymeric facings, metal, masonry and concrete block.

Foster Full Defense contains no asbestos, lead, mercury, or mercury compounds.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get on skin, clothing or in eyes. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash clothing before reuse.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should wear long-sleeved shirts, long pants, shoes, socks and chemical resistant gloves when handling this product. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly. When applying with a sprayer, applicator should wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with organic vapor cartridges.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a Poison Control Center or doctor for treatment advice. **IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice. **IF SWALLOWED:** Call a Poison Control Center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a Poison Control Center doctor.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Protect from freezing – product stability may be affected. Do not store or apply at temperatures over 100°F (38°C) or below 40°F (4.4°C). Keep container closed when not in use.

PESTICIDE DISPOSAL: State or local hazardous waste regulations may apply if they are different from the federal regulations. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. For additional waste disposal information call the H.B. Fuller Company Environmental Services at (800) 338-2975.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Fungicidal Protective Coating White

- Kills residual mold and mildew remaining after pre-cleaning contaminated surfaces.
- Protects the surface of unfinished wood, drywall, OSB, metal, masonry and other building materials from fungal growth.
- Specifically formulated for long-term fungicidal activity.
- EPA-registered, low-odor, quick-setting, water-based coating.

EPA Registration Number:
63836-2

EPA Est. No. 63836-TX-001

Active Ingredients:		
Barium Metaborate	6.39%	
3-iodo-2-propynyl butylcarbamate	0.12%	
Other Ingredients:	93.49%	
TOTAL	100.00%	

This contains 0.70 pounds of Barium Metaborate and 0.013 pounds of 3-iodo-2-propynyl butylcarbamate per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See left panel for additional precautionary statements and first aid.

In case of emergency call 1-888-853-1758. Have the product container or label with you when calling a Poison Control Center or doctor.

FOR 24 HOUR EMERGENCY INFORMATION CALL

Medical: 888-853-1758 Transport: 800-424-9300



For more Product information visit:

www.fosterproducts.com
CUSTOMER SERVICE: 800-231-9541

H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL USA 60504

**Net Contents: 5 Gallons (57 lbs.)
18.92 L (25.85 KG)**

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

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

SURFACE PREPARATION: Apply only to surfaces free of all loose dirt, grease, mold or other contaminants that may interfere with the adhesion of the coating to the substrate. **Masonry, brick, plaster, and cement based surfaces:** On mold infested surfaces, aggressively scrape the surface, then wire brush to produce a firm, sound substrate. Clean the intended surface of any contaminants that may interfere with the adhesion of the coating and allow to dry completely before proceeding. Prime all unpainted brick, plaster and cement based surfaces with a masonry sealer or primer if dusty. A block-filler may be used to patch and smooth porous surfaces. **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. Alternately a primer may be applied to glossy surfaces to improve adhesion; adequate adhesion should be confirmed prior to completing application. Clean the intended surface of any contaminants that may interfere with the adhesion of the coating and allow to dry completely before proceeding. **Metal Surfaces:** Remove any dust, grease, oil, or contaminants. Abrade all surfaces to remove all surface rust. Clean the intended surface of any contaminants that may interfere with the adhesion of the coating and allow to dry completely before proceeding. All rusted metal surfaces must be primed before application of Foster Full Defense. Foster Full Defense may be applied directly onto cleaned unrusted galvanized surfaces. **Unpainted Wood and Drywall:** Remove all dirt, grease, oil, loose mold or mildew or other contaminants. Remove all loose substrate materials, unnatural protrusions, splintered materials, etc. to a sound surface. In wall cavities or unexposed surfaces Foster Full Defense may be applied directly without the need for primer. On exposed surfaces where staining or discoloration of the coating would be objectionable prime with a stain blocking primer. **HVAC Systems:** Always follow industry accepted cleaning procedures. Lined air ducts should be lightly vacuumed to remove all mold, dust and loose particles, being careful not to tear or loosen the liner. Galvanized surfaces need to be vacuumed or washed clean of all accumulated mold, dust and loose particles. Following complete cleaning procedures, sanitize galvanized air duct surfaces with an approved sanitizer following manufacturer's directions. Ensure that all interior surfaces are thoroughly dry before applying Foster Full Defense. See metal surface preparations for primer requirements.

APPLICATION: Always ensure adequate ventilation. HVAC systems should be under negative air pressure during and after application to allow for exhausting of odors and rapid drying of the coating. Apply Foster Full Defense to all surfaces by brush or airless spray at the following wet coverage rates (rates are minimum required and are subject to the nature of the material being coated):

Galvanized Metal	0.75 gal/100 sq. ft. (0.31 l/m ²)
New Duct Liner	1.0 gal/100 sq. ft. (0.41 l/m ²)
Old Eroded Duct Liner	1.5 gal/100 sq. ft. (0.61 l/m ²)
Wood, Drywall, OSB	0.33 gal/100 sq. ft. (0.14 l/m ²)

Unsealed, rough, or low-density surfaces may require more material to attain required surface sealing. Brushing will require two heavy 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 2800 psi minimum pump with a 0.015 – 0.025 fluid tip. Clean brushes and equipment with warm water before product dries.

NOTE: Continue to circulate fresh dry air throughout the area 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 procedures must be maintained in HVAC systems to remove accumulated airborne particles. Where accessible the coating may be washed down periodically to remove any accumulation of contaminants with water and a mild detergent or a biocidal wash. If coating becomes damaged clean surface and re-apply coating.

LIMITATIONS

Store between 40°F (4°C) and 100°F (38°C). Protect from freezing. DO NOT DILUTE.

Apply between 50°F (10°C) and 100°F (38°C) with less than 70% RH air conditions maintained until dry.

Avoid direct application onto pressurized PVC or CPVC piping and wipe off or remove overspray.

Water-based products may corrode carbon steel spray equipment. Corrosion resistant pumps and fittings are suggested.

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.

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.**

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MADE in the USA

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