



# Proactive Defense™

## Mold Resistant Sealer (42-42)

### Product Data Sheet

#### PROPERTIES

**COLOR:** Red

**APPLICATION CONSISTENCY:**

Brush, spray, or roller

**AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475):**

8.5 lbs./gallon (1.02 kg/l)

**AVERAGE NON-VOLATILE (ASTM D 2369):**

16% by weight (14% by volume)

**COVERAGE:**

Subject to type of surface and nature of material being coated and application equipment. See application guide on back.

**Wood:** 250-350 ft.<sup>2</sup>/gal. (6.1 to 8.6 m<sup>2</sup>/liter)

**Drywall:** 450-550 ft.<sup>2</sup>/gal. (11.0 to 13.5 m<sup>2</sup>/liter)

**Hard Non-Porous Surfaces:** 500-600 ft.<sup>2</sup>/gal (12.3 to 14.7 m<sup>2</sup>/liter)

**DRYING TIME (ASTM D 1640):**

Dry Through: 1 hour 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)

**SAFETY:**

WET FLAMMABILITY (ASTM D 92)

No flash to boiling, 210°F (99°C)

**SURFACE BURNING CHARACTERISTICS (ASTM E 84):**

Flame Spread: 0

Smoke Developed: 5

Tested at a coverage rate of 300 sq.ft./gallon (7.4 m<sup>2</sup>/l). Applied to inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

*Visit us on the web at [www.fosterproducts.com](http://www.fosterproducts.com).*

Foster, Proactive Defense and 42-42 are trademarks of H.B. Fuller Construction Products Inc.

#### ATTRIBUTES

- Designed specifically for easy application on construction sites.
- Used on building materials to form a water-resistant sealer that resists mold growth on its surface.
- Formulated for use **both** during construction phase **and** after the walls of the structure have been enclosed.
- Protects trusses, studs, wallboard, plywood, sheathing and other framing construction materials from excess water penetration.
- Formulated for use on surfaces such as wood, gypsum wallboard, plaster, cement blocks, and other construction materials.
- Specially formulated with EPA registered fungistatic agents to provide long-term resistance to mold or mildew growth on its surface.
- Dries fast with a low viscosity and high coverage rate.
- Prepares the surface for painting with latex or oil based paints.
- Minimizes water absorption into coated product without impeding water vapor transmission.
- Meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC: <50 g/l, less water and exempt solvents.

**LIMITATIONS:**

Do not store or apply below 40°F (4°C) or above 100°F (38°C). Surface must be clean 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.

Not recommended for long-term exposure to direct sunlight.

DO NOT DILUTE.

**STIR WELL BEFORE USE.**

**H.B. Fuller Construction Products, Inc.**

1105 South Frontenac Street • Aurora, IL 60504 • 800-832-9002 • fax 800-952-2368

# APPLICATION GUIDE FOR FOSTER® PROACTIVE DEFENSE™ (42-42) CONSTRUCTION GRADE

## MATERIAL PREPARATION

Stir well. Do not thin. Apply only to clean surfaces. Ensure that all surfaces are free of all wax, grease, oil, dirt, and other surface contaminants. Surfaces with extreme mold or mildew contamination that would affect the penetration and adhesion of **Foster® Proactive Defense™ (42-42)** sealer need to be pre-cleaned to assure a good bond.

## APPLICATION

Apply evenly to gypsum wallboard surfaces at the rate of 450-550 ft.<sup>2</sup>/gal. (11.0-13.5 m<sup>2</sup>/l) until the surface is well saturated and remains wet.

Apply evenly to wooden surfaces at the rate of 250-350 ft.<sup>2</sup>/gal. (6.1-8.6 m<sup>2</sup>/l) until a uniform wet, thin film remains on the surfaces. It can be used at higher coverages of up to 600 ft.<sup>2</sup>/gal (14.7 m<sup>2</sup>/l) on hard nonporous surfaces such as hardwoods, or finished concrete. Rolling or brushing will provide faster penetration than spraying.

## SPRAY EQUIPMENT

**Proactive Defense™ (42-42)** can be applied with virtually any type of airless spray equipment on the market today. Pressure settings should be as low as possible while still achieving atomization. The use of a respirator or HEPA particulate mask may be required if sufficient ventilation is not available.

## SPRAY TIPS

Reversible cleaning 0.015" to 0.017" spray tips are recommended for optimum application where backing does exist, such as the interior of exterior walls with OSB. In areas where no backing exists, such as interior stud walls, a 0.010" to 0.012" tip with a maximum 4" fan width will reduce overspray.

## OVERCOATING

Allow the coating to completely dry through before overcoating. A single coat application is all that is required. Minimum dry time: 1 hour.

## 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.

**Keep out of reach of children.  
Consult Material Safety Data Sheet and container label for further information.**