



MOLD RESISTANT CLEAR COATING Exterior/Interior

PROPERTIES

COLOR:

White when wet, dries to a clear satin finish

APPLICATION CONSISTENCY:

Brush, airless spray, or roller

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

8.8 lbs./gallon (1.05 Kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):

45% by weight (40% by volume)

COVERAGE:

Subject to type of surface and nature of material being coated: typical coverage on smooth non-porous surfaces; 300 sq. ft. Porous surfaces will require more product

DRYING TIME (ASTM D1640):

40 minutes to one hour

SERVICE TEMPERATURE LIMITS (ASTM 70):

(Temperature at coated surface):
-20F to 170F (-29C to 77C)

WATER VAPOR PERMEANCE:

ASTM D1653 14 perms (97 grams per sq. meter per day.) Tested at 100F (38C) and 90% RH

SAFETY:

WET FLAMMABILITY (ASTM D92)
No flash to boiling, 210°F (99°C)

SURFACE BURNING CHARACTERISTICS**(ASTM E84-05):**

Flame Spread: 0

Smoke Developed: 0

Tested at coverage rate of 300 sq.ft./gal. (7.35 m²/L).

Applied to 1/4" (6.4 mm) inorganic reinforced cement board.

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PRODUCT DESCRIPTION

Foster® Clear Defense™ 40-55™ is a multi-purpose clear coating specifically designed to protect and maintain the aesthetics of residential, commercial and industrial surfaces. Formulated with EPA registered additives, **Clear Defense** provides long-term resistance to the growth of algae, mold, mildew and other fungus on the coatings surface.

FEATURES AND BENEFITS

MOLD RESISTANT:

Specially formulated with EPA registered antimicrobial agents

HIGH PERFORMANCE

- Resists staining from mold, mildew and algae to leave a clean appearance without the need for periodic pressure washing
- For use on multiple types of exterior surfaces including masonry, stucco, concrete and clay roofing tiles, asphalt shingles, vinyl, aluminum, fiber cement, painted wood and more
- Can be used on interior surfaces including painted and unpainted wood, drywall, masonry, brick, tile and painted metal
- Strong adhesion to all of these substrates: ASTM D3359 (A and B methods;) showing no peeling or removal of the coating
- UV stable, salt, rain, and efflorescence resistant
- Water repellent to keep water out and breathable to allow substrates to dry
- Easy to apply with a brush, spray or roller
- One-coat, self-leveling technology reduces job time and increases performance
- Dries in one hour
- Waterbased low VOC coating

CLEAR APPEARANCE:

- Provides a hard, mar-resistant, satin finish that protects surfaces and helps reduce dirt pick-up
- Its clear, breathable composition provides water repellency and will not yellow or blush

LIMITATIONS

Do not store or apply below 40F (4C) or above 100F (38C). 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. | Waterbased products may corrode carbon steel spray equipment. Corrosion resistant pumps and fittings are suggested. | Coating should not be used for exterior applications on un-painted wood or other substrates that will deteriorate from exposure to the sun. | Not formulated for use on exterior horizontal surfaces such as decks or patios. | 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 and disinfecting procedures.

STIR WELL BEFORE USE.

Specialty Construction Brands, Inc.

APPLICATION GUIDE FOR FOSTER® CLEAR DEFENSE™ 40-55™ MOLD RESISTANT CLEAR COATING

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, algae and other surface contaminants. On painted surfaces, remove all flaking, loose or chalking material. Sand all glossy painted surfaces using 220-grit sandpaper to roughen the entire area. Pressure wash or scrub clean exterior/interior surfaces to remove stains and other contaminants. Allow surfaces to fully dry after cleaning before applying coating.

Prior to complete application it is suggested to apply product in a small inconspicuous test area to assure that finish will be aesthetically acceptable. The finished coat may leave a shiny or wet appearance and enhance or brighten underlying colors or surface irregularities.

APPLICATION

Apply 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

Use airless paint sprayer suitable for water based paints. Reversible cleaning 0.015" to 0.017" spray tips are recommended for optimum application.

IMPORTANT

When applying **Clear Defense™ 40-55™** Mold Resistant Clear Coating 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 cannot be achieved. After the application of **Clear Defense** continue to ventilate the area 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.

For exterior applications do not apply when rain is expected within four hours or until the coating can fully dry. Coating may blush slightly on dark substrates after rain or morning dew, but will return to its fully clear appearance. This may occur until product is fully cured; up to three weeks.

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—800-231-9541 OR 800-338-2975

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