



Foster™

CLEAR DEFENSE™ 40-55™

Exterior/Interior Use

**A MULTI-PURPOSE CLEAR COAT that Resists
Mold and Algae on its Surface While
Maintaining the Aesthetics of Residential,
Commercial and Industrial Surfaces**

NEW CLEAR DEFENSE™ 40-55™

For more than a decade, the Foster® brand has innovated in proven antimicrobial and mold resistant coatings. Now, Foster introduces an equally effective solution for use on exterior and interior surfaces.

NEW Foster® Clear Defense™ 40-55™: *It's clear, you won't see it. And what's more important, you won't see mold, mildew, fungus and algae on its surface.*

Introducing **Clear Defense**, a mold resistant clear coating specifically designed to protect and maintain the aesthetics of residential, commercial and industrial surfaces.

Formulated with EPA registered additives, **Clear Defense** maintains excellent resistance to stain producing mold, mildew, fungus and algae growth on its surface without blushing or yellowing. This means less maintenance, labor and costs while enjoying the peace of mind that **Clear Defense** provides.

FEATURES AND BENEFITS

Mold Resistant:

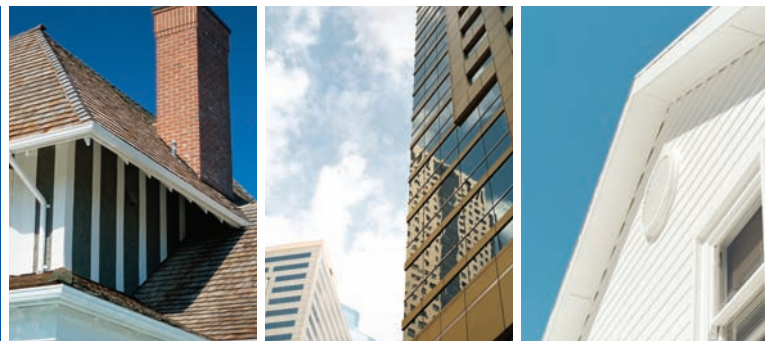
- Specially formulated with EPA registered fungistatic agents

High Performance:

- Resists staining from mold, mildew and algae to leave a clean appearance without the need for periodic maintenance
- Adheres to 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 un-painted wood, drywall, masonry, brick, tile and painted metal
- UV stable, salt, rain, and efflorescence resistant
- Water repellant 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 build-up
- Acrylic polymer and unique technologies prevent yellowing and blushing



TECHNICAL DATA

Coverage: Covers 300 sq. ft. per gallon on smooth non-porous surfaces, porous surfaces will require more product

Size: Available in 5 US gallon plastic pail

Color: White when wet, dries to a clear satin finish

Application: 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)

Service Temperature Limits (FSTM 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: No flash to boiling, 210F (99C)

Mold Resistance: **Clear Defense** does not support growth of mold, mildew and fungus (ASTM G26-96 1500 hrs of exposure to Xenon light in Atlas weather-ometer followed by ASTM D5590)

Algae Resistance: **Clear Defense** does not support growth of algae (1500 hrs of exposure to Xenon followed by biocidal activity test ASTM D5589 and QUV followed by ASTM D5589)

Yellowing Resistance: **Clear Defense** provides high resistance to yellowing (QUV, 1500 hrs - Calculating yellowness and whiteness indices ASTM E313-98)

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.

For additional information, visit www.fosterproducts.com



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