Sentinel Products, Inc.
BETTER SOLUTIONS FOR A CLEANER ENVIRONMENT

24-7 PREMIUM MOLD & MILDEW RESISTANT COATING *[CLEAR FINISH]*

SENTINEL 24-7 PREMIUM MOLD & MILDEW RESISTANT COATING with antimicrobial product protection is an interior/exterior grade coating. Sentinel 24-7 Premium utilizes the highest quality polymers to provide superior bonding and durability, giving it the ability to withstand harsh elements and environments. It provides excellent coverage and dries to a hard, long lasting finish. Antimicrobial product protection gives 24-7 Premium the highest level of protection to inhibit the growth of stain and odor causing microorganisms, such as mold and mildew on cured coating surfaces.

Application Information (Always follow product label instructions for best results)

Material Preparation

Separation in paints and coatings in normal. Thoroughly stir and mix coating to acheive an even consistency for spraying, rolling or brushing. Product must NOT be reduced with water or solvents. **This product must not be allowed to freeze. Apply in temperatures above 50°F.**

Surface Preparation

All surfaces must be clean, dry and free of loose paint, mold, dust, and miscellaneous debris and particulate. Wash and clean surfaces to remove dirt, mold, mildew, grease, and other soils. Rinse thoroughly with water and allow to dry before applying coating. Remove peeling paint and spackle and sand where necessary. Lightly sand glossy areas. On new, sanded sheetrock surfaces, remove all dust before painting.

Primers

24-7 Premium can be applied on most building materials without priming. If coating areas with surface stains, prime with Sentinel SBP Stain Blocking Primer. On metal, use Sentinel DTM Rust Inhibiting Direct to Metal Primer.

Tinting

This product may be tinted with universal colorant systems to pastel colors only. Use no more than 4 ounces of colorant per gallon.

Product Application

24-7 Premium should be applied at temperatures above 50°F and with a relative humidity level that is below 50%. To assure proper antimicrobial protection, it is vitally important that all surfaces be completely coated with 24-7 Zero.

For airless applications, use a .015 - .019 tip, a minimum 2500 P.S.I. and maintain a fan size of approximately 12 inches.

When using a roller use a 3/8" nap roller and when brushing, use strokes 90° to each other.

Drying time will vary with temperature and relative humidity. Coverage is dependent on the porosity of the surface.

Limitations

This product does NOT protect users or others against foodborne or disease causing bacteria. This product is not designed to be used in areas with temperatures less than 50°F, excessive heat, corrosive chemical environments, or on exterior siding or horizontal floor and deck areas.

Warranty

Sentinel 24-7 Premium has a 10 year limited warranty against the visible growth of mold and mildew on the cured coating surface.

FORMULA

24-7 PREMIUM

MOLD & MILDEW RESISTANT COATING

TEST DATA

Sentinel 24-7 Premium Mold & Mildew Resistant Coating Surface Burning Characteristics (ASTM E 84):

Flame Spread Index: 5 (Class A rating)
Smoke Deveoloped Index: 5 (Class A rating)

The **ASTM E 84** was performed by a Nationally Recognized Testing Laboratory (**NRTL**). This test is parallel to the **UL 723** test. The product was applied at a coverage rate of 80 sq. ft. per gallon on inorganic reinforced cement board. The flame spread may vary when applied over other surfaces.

Sentinel 24-7 Premium Mold & Mildew Resistant Coating meets **NFPA 90A** and **90B 25/50** requirements.

Sentinel 24-7 Premium Mold & Mildew Resistant Coating has successfully passed the **ASTM D5590** test, determining the resistance of paint films and related coatings to fungal defacement and the **ASTM G21** test which is the standard practice for determining resistance of synthetic polymeric materials to fungi from a Nationally Recognized Testing Laboratory (**NRTL**).

Sentinel 24-7 Premium Mold & Mildew Resistant Coating contains an EPA-registered fungistatic agent to inhibit mold and mildew growth on the cured coating surface. The antimicrobial additives used in this product are EPA-registered for use in paint.

Sentinel 24-7 Premium Mold & Mildew Resistant Coating meets **LEED** requirements for **EQ Credit 4.2** low emission materials, paints and coatings.

Sentinel 24-7 Premium Mold & Mildew Resistant Coating meets the **21CFR 189 Substance Prohibited for use in Human Food** Requirements.

Sentinel 24-7 Premium Mold & Mildew Resistant Coating is formulated to be applied over most building materials, metals, and plastics. Sentinel 24-7 has not been tested for CPVC fixture compatibility and as such is not recommended for CPVC at this time.

SPECIFICATIONS

Physical State:	Liquid
Appearance:	Opaque
Color:	White dries Clear
Odor:	Low
pH:	8.0 - 9.0
Flash Point:	>199.4°F
V.O.C. Content:	<50 g/L (calc.)*
Viscosity:	95 - 115 KU
% Solids by Weight:	14.24%
% Solids by Volume:	13.63%
Density:	8.4 pounds/gallon
Gloss:	35 - 69.9 (Semi-Gloss)
Shelf Life:	36 Months
Coverage Rate:	Smooth Surfaces: 250 - 450 sq. ft./gl Porous Surfaces: 150 - 300 sq. ft./gl
Dry Time:	Dry to Touch: 1 - 2 hrs @70 - 77°F, 50% RH Recoat: 4 hrs @70 - 77°F, 50% RH

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