Sentinel Products, Inc.
BETTER SOLUTIONS FOR A CLEANER ENVIRONMENT

24-7 ZERO INTERIOR MOLD & MILDEW RESISTANT COATING

SENTINEL 24-7 ZERO INTERIOR MOLD & MILDEW RESISTANT COATING is a high quality interior grade coating that contains no Volatile Organic Compounds (V.O.C.'s), is free from Hazardous Air Pollutants (HAP's), and offers virtually no odor. Sentinel 24-7 Zero is an environmentally friendly coating that can be used on most interior building materials. Sentinel 24-7 Zero is a self-priming coating providing a durable, scrubbable surface. Sentinel 24-7 Zero with antimicrobial product protection is designed to inhibit the growth of stain and odor causing mold, mildew and other microorganisms on the cured coating surface.



Material Preparation

Separation in paints and coatings in normal. Thoroughly stir and mix coating to achieve 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.

Tinting

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

Primers

On sheetrock and plaster, apply one coat to prime, a second coat to cover. On new woodwork, use an oil-based primer. On metal, use a suitable rust inhibiting primer.

Product Application

24-7 Zero 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.

Product Application Cont.

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

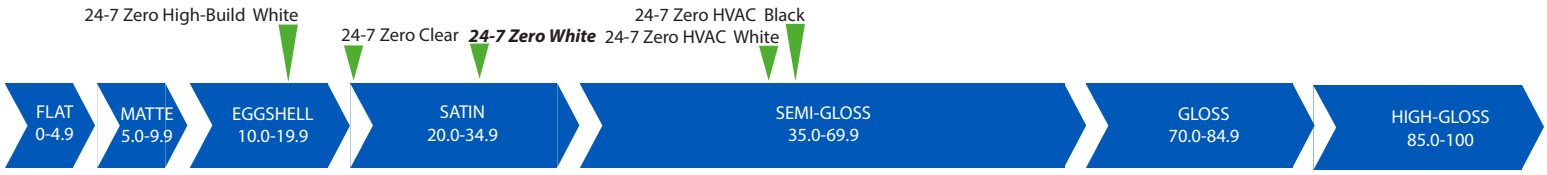
Drying time will vary with temperature and relative humidity. Coverage is dependent on the porosity of the surface.

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 has a 10 year limited warranty against the visible growth of mold and mildew on the cured coating surface.



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www.senpro.com / 800-373-0633

FORMULA 24-7 ZERO

INTERIOR MOLD & MILDEW RESISTANT COATING



TEST DATA

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

Flame Spread Index: 5 (Class A rating)
Smoke Deveoloped Index: 0 (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 Zero Mold & Mildew Resistant Coating meets **NFPA 90A** and **90B 25/50** requirements.

Sentinel 247 Zero 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 Zero 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 Zero Mold & Mildew Resistant Coating meets **LEED** requirements for **EQ Credit 4.2** low emission materials, paints and coatings.

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

Sentinel 24-7 Zero Mold & Mildew Resistance Coating has a minimum pencil hardness of **2H** when tested in accordance to the **ASTM D 3363** Test.

Sentinel 24-7 Zero Mold & Mildew Resistant Coating is formulated to be applied over most building materials, metals, and plastics. Sentinel 24-7 Zero has been tested for CPVC fixture compatibility by Spears Manufacturing. Contact Spears at 800-862-1499 for compatibility information.

SPECIFICATIONS

Physical State:	Liquid
Appearance:	Opaque
Color:	White
Odor:	Low
pH:	8.0 - 9.0
Flash Point:	>199.4°F
V.O.C. Content:	<5g/L (calc.)*
Viscosity:	110 - 120 KU
% Solids by Weight:	38.99%
% Solids by Volume:	28.15%
Density:	9.9 pounds/gallon
Gloss:	20 - 35 (Satin)
Shelf Life:	36 Months
Coverage Rate:	Smooth Surfaces: 350 - 450 sq. ft./gl Porous Surfaces: 100 - 200 sq. ft./gl
Dry Time:	Dry to Touch: 1 - 2 hrs @70 - 77°F, 50% RH Recoat: 2 - 4 hrs @70 - 77°F, 50% RH
Water Vapor Transmission Rate:	<3 perms (dry cup)

*A zero VOC coating by industry standards means the product contains fewer than 5 grams of VOCs per liter.

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9/11/23