

F O R M U L A

24-7

ZERO HVAC

HVAC MOLD & MILDEW RESISTANT GREEN COATING

Zero V.O.C.'s • Zero HAP's • Low Odor

PRODUCT DESCRIPTION:

Sentinel 24-7 ZERO HVAC is a Zero Volatile Organic Compound coating free of Hazardous Air Pollutants, low in odor and is mold & mildew resistant. This premium coating is designed to be sprayed within HVAC systems and on HVAC insulation. 24-7 ZERO HVAC contains an EPA registered fungistatic agent that serves to inhibit the growth of fungus such as mold & mildew on the surface of the coating. 24-7 ZERO HVAC is a flexible, durable coating that will bridge and reinforce duct liner, duct board insulation material and will seal HVAC surfaces from stains and odors caused by water, smoke, mold & mildew. HVAC systems treated with 24-7 ZERO HVAC will have increased airflow while minimizing dirt build up. 24-7 ZERO HVAC has received a Class A Fire Rating in accordance to ASTM E-84 and conforms with ASTM 5590 and ASTM G21 for mold & mildew



DIRECTIONS: (Always follow product label instructions for best results.)

Material Preparation: Stir material to achieve an even consistency for spraying, brushing and rolling. **Product must NOT be reduced with water or other solvents. This product must be kept above 50° F. and should never be allowed to freeze.**

Surface Preparation: All surfaces must be clean and dry. Duct Liner/ Duct Board: Interior air ducts should be lightly vacuumed and cleaned to remove all mold, dust, loose paint and loose particulate. Care should be taken not to tear or loosen duct liner.

Metal Surfaces: Clean all metal surfaces removing dust, rust, grease, oil or any material that will inhibit 24-7 ZERO HVAC from bonding with the surface. Abrade any sheen from non galvanized metals to ensure adhesion with the coating. In some cases a metal primer is necessary. Contact Sentinel with questions regarding application of 24-7 ZERO HVAC to metal surfaces.

PRODUCT APPLICATION:

For HVAC Interior Surfaces, Application temperature should always be above 50° F. with humidity level of 50 % R.H. or below. This product is best applied using an airless sprayer with 2500 P.S.I. minimum pump with a .019 - .025 fluid tip. Keep a "wet" edge, not allowing coating to dry in the middle of the area being coated this will avoid lap marks. 24-7 ZERO HVAC can be applied using an automated spray robot. When applying 24-7 ZERO HVAC with a roller it's best used with a 3/8" nap roller. Coatings applied with a brush at 90° to each other generally ensures a smooth and consistent application. Negative pressure should be utilized during application. Allow coating to dry approximately 2 hours at room temperature, longer at colder temperatures, then circulate fresh air through the system to accelerate drying of the coating. If a second coat is necessary, reapply approximately 4 - 8 hours later. Contact Sentinel for more information. Fresh air should be carefully evaluated for odors before ventilating into occupied spaces.

COVERAGE: Porous Surfaces, approximately 80-100 sq. ft. per gallon. Smooth Surfaces, approximately 100- 200 sq. ft. per gallon.

To assure proper antimicrobial protection, it is vitally important that all surfaces be completely coated with 24-7 ZERO HVAC.

CLEAN-UP: Clean wet product , tools and spills with warm, soapy water. For cured coating clean- up contact Sentinel.

LIMITATIONS: This product does NOT protect users or others against food borne 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.

SPECIFICATIONS:

APPEARANCE
APPROXIMATE BOILING POINT
ODOR
VOC CONTENT:
pH

OFF WHITE/ BLACK
212°F
LOW ODOR
0
6.5 - 7.5

Sentinel's 24-7 Coatings
meet the requirements for LEED® EQ Credit 4.2,
low-emission materials; paints and coatings.