



PRODUCT SPEC SHEET

538 SEALER PRIMER ODOR ENCAPSULANT

FORMULA

538

SEALER/PRIMER ODOR ENCAPSULANT

Sentinel Sealer/Primer Odor Encapsulant is a flexible, durable, flame resistant coating free of Volatile Organic Compounds (V.O.Cs) and Hazardous Air Pollutants (H.A.Ps). Sentinel 538 Sealer/Primer Odor Encapsulant is designed as an interior base coat primer and will seal surfaces from stains and odors caused by contaminants such as smoke, water and other odors.

TEST DATA

Sentinel 538 Sealer/Primer Odor Encapsulant Surface Burning Characteristics (ASTM E 84):

Flame Spread Index: 5 (Class A rating)

Smoke Developed 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 538 Sealer/Primer Odor Encapsulant meets **NFPA 90A** and **90B 25/50** requirements.

Sentinel 538 Sealer/Primer Odor Encapsulant meets **LEED** requirements for **EQ Credit 4.2** low emission materials, paints and coatings.

Sentinel 538 Sealer/Primer Odor Encapsulant meets the **21CFR 189 Substance Prohibited for use in Human Food** requirements.

Sentinel 538 Sealer/Primer Odor Encapsulant has a minimum pencil hardness of **2H** when tested in accordance to the **ASTM D 3363** test.

Sentinel 538 Sealer/Primer Odor Encapsulant is formulated to be able to apply over most building materials, metals, and plastics. It is not designed for high friction or traffic areas.

538 SEALER PRIMER ODOR ENCAPSULANT



DIRECTIONS FOR USE: Read SDS prior to using product

Material Preparation: Stir product to achieve an even consistency for spraying, brushing or rolling. Do not reduce product with water or other solvents. Store and apply product above 50° F. and do NOT allow the product to freeze.

Surface Preparation: All surfaces must be clean, dry and free of loose paint, mold, dust and miscellaneous loose debris & particulate.

Product Application: 538 Sealer/Primer Odor Encapsulant should be applied at temperatures above 50° F. and with a relative humidity level that is less than 50%. The product is best applied with an airless sprayer with a minimum of 2000 P.S.I. and a 0.015-0.020 fluid tip. When using a roller use a 1/4-1/2" nap roller and when brushing, use strokes 90° to each other. Drying times will vary with temperature and relative humidity. If a second coat is necessary, reapply in 2-4 hours.

Clean-up: Clean tools and spills with warm soapy water. For information on removing the cured product contact Sentinel.

Limitations: This product does not protect users or others against food or air borne disease causing microorganisms, temperatures less than 50° F., excessive heat, corrosive chemical environments, on exterior siding or horizontal floor and deck areas.

SPECIFICATIONS:

Appearance:	White/Clear/Natural Wood
Odor:	Low
V.O.C. Content:	<5 g/L (calc.)
pH:	8.0 - 9.0
Density:	White: 9.6 lbs. per gallon Clear: 8.5 lbs. per gallon Natural Wood: 9.6 lbs. per gallon
Gloss:	White: 45-50 (semi-gloss) Clear: 12-20 (eggshell) Natural Wood: 50-55 (semi-gloss)
Shelf Life:	36 months from date of manufacture
Coverage Rates:	Smooth Surfaces: 200 - 400 sq. ft. per gallon Porous Surfaces: 100 - 200 sq. ft. per gallon

Drying Times: Touch: 1-2 hours @70-77° F, 50% R.H.
Recoat:2-4 hours @ 70-77° F, 50% R.H.

Minimum Application Temperature: 50° F.

Water Vapor Transmission Rate: (Permeance) <2 perms (dry cup)

