

2200-WHITE

Poly-Alphamethylstyrene Concrete Curing Compound

DESCRIPTION

The 2200-WHITE series includes 2245-, 2250- and 2255-WHITE. These ready-to-use concrete curing compounds are high solids, white-pigmented, and poly-alphamethylstyrene-based. These formulations were developed for various departments of transportation as premium-grade concrete curing compounds. The 2200-WHITE series offers rainfall protection typically within four hours of application, developing sufficient hardness and film integrity.

USES

The 2200-WHITE series is white-pigmented to reflect the sun's rays. This maintains cooler concrete, which reduces the expansive and contractive stresses that cause cracking during the hydration process. When properly applied, each product in the 2200-WHITE series provides a tough, smooth, uniform film with excellent adhesion to the fresh concrete surface, producing high quality, durable concrete.

PACKAGING

5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums

COVERAGE

Unless directed by application specifications, the rate of coverage should be approximately 200 ft.²/gal. (4.91m²/L).

FEATURES/BENEFITS

- Ready for use and easily applied.
- Excellent moisture retention.
- Does not react with the ingredients in Portland cement concrete.
- Poly-alphamethylstyrene-resin-based.
- Furnishes a white-pigmented film, allowing for cooler concrete during the hydration process.
- Improved abrasion resistance of concrete surface.
- VOC compliant ... meets U.S. EPA Architectural Coatings Rule requirements.

TECHNICAL DATA

	2245	2250	2255
Color:	White	White	White
Reflectance, %:	73	73	75
Flash Point, °F:	135	135	135
Weight per Gallon, (lb./gal):	8.6	8.7	8.6
Settlement, mL:	1	1	1
Water Retention, kg/m² @ 24 hrs:	0.17	0.13	0.13
Water Retention, kg/m² @ 72 hrs:	0.23	0.19	0.21

Note: All data is typical, except flash point information.

SPECIFICATIONS

2245-WHITE, 2250-WHITE, 2255-WHITE
ASTM C 309, Type 2, Class B
AASHTO M 148, Type 2, Class B
ASTM C 1315, Type II, Class B
2245: Utah DOT, Section 706-3A
2250: CALTRANS, System 1
2255: Minnesota DOT, 3754 AMS

- Complies with U.S. EPA and SCAQMD VOC requirements.



CONTINUED ON REVERSE SIDE...

APPLICATION

Surface Preparation ... If the surface of the concrete is clean and free of foreign matter, no further preparation is required. If foreign matter, such as dirt and dust, has accumulated on the surface, it should be removed before applying the compound. If surface moisture has evaporated, as in the case of formed concrete, or the concrete is beginning to dry out, best curing is obtained if the concrete is wetted before application of a 2200-WHITE series product. NOTE: The concrete surface should be moist, but free of standing water. Once the concrete will accept walking water, the surface is ready for the application of any 2200-WHITE series product.

Mixing ... Any settling in the drums can be re-dispersed with gentle agitation prior to use. CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.

Apply curing compound to the surface of the concrete with spray equipment as soon as possible after the moisture has left the surface. Spray equipment should be capable of spraying a smooth, uniform coat.

Workmen should not track across freshly poured concrete until after the concrete is coated with the curing compound and the film has dried thoroughly.

Drying Time ... The product dries in approximately one hour. Restrict foot traffic for at least four hours.

Cleanup ... Clean equipment promptly with mineral spirits or other suitable petroleum distillate.

PRECAUTIONS

Keep from freezing. Do not apply on interior surfaces. Do not apply when the temperature of the concrete is less than 40° F (4° C). DO NOT MIX WATER-BASED COMPOUNDS WITH ANY COMPOUND CONTAINING SOLVENT-SEPARATION WILL OCCUR.

For most current data sheet, further LEED Information, and MSDS, visit www.wrmeadows.com.



LIMITED WARRANTY

“W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order.” Read complete warranty. Copy furnished upon request.

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