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(Supersedes March 2015)

## 2200-WHITE Series

### 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.

#### FEATURES/BENEFITS

- Offers protection from de-icing salts on new concrete.
- 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.

#### PACKAGING

5 Gallon Pails  
55 Gallon Drums  
275 Gallon Totes

#### COVERAGE

Unless directed by application specifications, the rate of coverage should be approximately 200 ft.<sup>2</sup>/gal.

#### SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F optimum performance and best use is obtained within one year of date of manufacture.

#### SPECIFICATIONS

##### 2245-WHITE, 2250-WHITE, 2255-WHITE

AASHTO M 148, Type 2, Class B

ASTM C 309, Type 2, Class B

ASTM C 1315, Type II, Class B

**2245-WHITE:** Utah DOT, Section 706-3A

**2250-WHITE:** CALTRANS, System 1

**2255-WHITE:** Minnesota DOT, 3754 AMS

- Complies with U.S. EPA, LADCO, OTC and SCAQMD VOC requirements.

#### TECHNICAL DATA

	2245-WHITE	2250-WHITE	2255-WHITE
Color:	White	White	White
Reflectance, %:	68	68	70
Weight per Gallon, (lb./gal):	8.6	8.7	8.6
Settlement, mL:	1	1	1
Water Retention, kg/m <sup>2</sup> @ 24 hrs:	0.17	0.13	0.13
Water Retention, kg/m <sup>2</sup> @ 72 hrs:	0.23	0.19	0.21
VOC Content, g/L:	319	290	297

Note: All data is typical.

**CONTINUED ON REVERSE SIDE...**

#### W. R. MEADOWS, INC.

P.O. Box 338 • HAMPSHIRE, IL 60140-0338  
Phone: 847/214-2100 • Fax: 847/683-4544  
1-800-342-5976  
[www.wrmeadows.com](http://www.wrmeadows.com)

HAMPSHIRE, IL /CARTERSVILLE, GA /YORK, PA  
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## 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 workmen without marring, 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.

**Application Method ...** Apply curing compound to the surface of the concrete with spray equipment, such as a Chapin 1949 with 0.5 GPM spray nozzle, 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.



## 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.

## Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.

## PRECAUTIONS

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

In areas in the South Coast Air Quality Management District in California, the product is for use on roadways and bridges only. (Not for use on curbs and gutters, sidewalks, islands, driveways, and other miscellaneous concrete areas.)

## LEED INFORMATION

May help contribute to LEED credits:

- IEQ Credit 4.2: Low-Emitting Materials: Paints and Coatings
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

**For most current data sheet, further LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).**

