



CSI Code: 03 39 23

NO. 374

AUGUST 2006  
(Supersedes July 2002)

## 2200-WHITE

### Poly-Alphamethylstyrene Concrete Curing Compounds

#### 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.

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.

All products in the 2200-WHITE series meet maximum VOC content limits of 350 g/L for Concrete Curing Compounds as required by the U.S. EPA Architectural Coatings Rule.

#### 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 sq. ft./gal. (4.91m/L).

#### FEATURES AND BENEFITS

- Ready for use and easily applied.
- Excellent moisture retention.
- Does not react with the ingredients in Portland Cement concrete.
- Furnishes a white-pigmented film, allowing for cooler concrete during the hydration process.

- Improved abrasion resistance of concrete surface.
- VOC compliant.

#### TECHNICAL DATA

	2245	2250	2255
<b>Color:</b>	<i>White</i>	<i>White</i>	<i>White</i>
<b>Reflectance, %:</b>	73	73	75
<b>Flash Point, °F:</b>	135	135	135
<b>Weight per Gallon, (lbs./gal):</b>	8.6	8.7	8.6
<b>Settlement, ml:</b>	1	1	1
<b>Water Retention, kg/sq. m @ 24 hrs:</b>	0.17	0.13	0.13
<b>Water Retention, kg/sq. m @ 72 hrs:</b>	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

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

HAMPSHIRE, IL / CARTERSVILLE, GA / YORK, PA  
FORT WORTH, TX / BENICIA, CA / POMONA, CA  
GOODYEAR, AZ / MILTON, ON / ST. ALBERT, AB

## 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.

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.

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

## PRECAUTIONS

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-BASE" COMPOUNDS WITH ANY COMPOUND CONTAINING SOLVENT-SEPARATION WILL OCCUR.

**FOR THE MOST CURRENT PRODUCT INFORMATION, VISIT OUR WEBSITE:**  
[www.wrmeadows.com](http://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.

## 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.