



CSI Code: 03 39 23



NO. 371

AUGUST 2008  
(Supersedes February 2006)

## 1200-WHITE

Water-Based, Resin-Based Concrete Curing Compound

### DESCRIPTION

The 1200-WHITE series of water-based, white-pigmented curing compounds are resin-based dispersions with selected white pigments. When properly applied, 1200-WHITE provides a premium-grade film, which optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and helps prevent excessive heat buildup.

### USES

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### SPECIFICATIONS

- ASTM C 309, Type 2, Class B
- AASHTO M 148, Type 2, Class B
- F.A.A. Item P-610-2.11 (e)
- Formulated specifically for federal, state, county, and municipal highway and airport paving projects
- U.S. EPA Architectural Coatings Rule:  $\leq 350$  g/L maximum VOC for concrete curing compounds.

### PACKAGING

5 Gallon (18.93 L) Pails

55 Gallon (208.20 L) Drums

### LEED INFORMATION

May help contribute to LEED credits:

- EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings
- MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

### FEATURES/BENEFITS

- When properly applied, provides a premium-grade film, which optimizes water retention.
- Protects by reflecting the sun's rays to keep the concrete surface cooler and prevent excessive heat buildup, which can cause thermal cracking.
- Furnished as a ready-to-use, true water-based compound.
- Produces hard, dense concrete ... minimizes hair checking, thermal cracking, dusting, and other defects.
- Enhances the functional capabilities of concrete by "sealing in" the performance assets of strength and long life.
- Offers a compressive strength significantly greater than improperly or uncured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.
- Improves abrasion resistance and minimizes corrosive action of salts and chemicals ... minimizes shrinkage.
- Applies quickly and easily with conventional commercial spray equipment.
- VOC compliant ... meets U.S. EPA Architectural Coatings Rule requirements.

### PHYSICAL PROPERTIES

**Drying Time:** Typically dries in 1-2 hours. Drying times may be extended, depending on application rate, temperature, humidity, and project conditions. Restrict foot traffic until completely dry.

**Flash Point:** Greater than 200° F



CONTINUED ON REVERSE SIDE...

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## **APPLICATION**

**Preparation ...** Application equipment must be clean and free of any previously used materials.

**Mixing ...** Any settling or separation in the container must be re-dispersed with gentle agitation prior to use. **CAUTION: DO NOT MIX EXCESSIVELY.**

**Application Method ...** Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from horizontal concrete surfaces. On vertical surfaces, spray on promptly after the forms are removed. Use a Chapin 5797 or equivalent spray nozzle that produces a flow of 1/2 gal. (1.89 L) per minute under 40 psi (.276 MPa) of pressure.

**Coverage ...** Approximately 200 ft.<sup>2</sup>/gal. (4.91 m<sup>2</sup>/L).

**Cleanup ...** Prior to drying, application equipment can be easily cleaned up with soap and water. Once dried, it will be necessary to use mineral spirits or other suitable petroleum distillate.

## **PRECAUTIONS**

**KEEP FROM FREEZING.** Do not apply when the temperature of the concrete is less than 40° F (4° C). **DO NOT MIX WITH COMPOUNDS CONTAINING SOLVENT – SEPARATION WILL OCCUR. DO NOT ADD OR DILUTE WITH ANY OTHER COMPOUND.** Do not use on surfaces that are later to be painted, tiled, hardened, sealed, or treated in any manner. Do not use on patios, sidewalks, or other areas where there is typically no wheel traffic to abrade the white film surface. Not recommended for use on residential driveways. Read and follow application information.

## **HEALTH HAZARDS**

Direct contact may result in mild irritation. Refer to Material Safety Data for complete health and safety information.

**For most current data sheet, further LEED information and MSDS, visit [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**

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