



CSI Code: 03050

No. 370

JULY 2004
(Supersedes September 2003)

1100-CLEAR SERIES

Resin-Base, Water-Base Concrete Curing Compounds

DESCRIPTION

The 1100-CLEAR SERIES Water-Base Concrete Curing Compounds are formulated from hydrocarbon resins and may be used on interior, exterior, vertical and horizontal concrete surfaces. Once applied, they form a liquid membrane that retains an optimum amount of water present in freshly placed concrete to allow complete hydration of the cement. **NOTE:** After approximately 4 weeks, the membrane begins to chemically break down. When the curing cycle is complete, the membrane will eventually dissipate from the surface. This process usually takes another 3 to 5 weeks under normal traffic, exposure to UV and weathering conditions.

The 1100-CLEAR SERIES meets maximum Volatile Organic Compound (VOC) content limits of 350 g/L for Concrete Curing Compounds as required by the U.S. EPA Architectural Coatings Rule.

USES

The 1100-CLEAR SERIES has been used on both interior and exterior applications where paint, resilient tile or resilient flooring was applied later. Because of the wide variety of paints and adhesives for carpeting and resilient tile in use, contact the manufacturer of the flooring system for application approval over resin-type curing compounds. A small test application is also recommended.

FEATURES AND BENEFITS

- When properly applied, they produce an impermeable film which optimizes water retention
- Furnished as ready-to-use, true water-base compounds
- Produce hard, dense concrete...minimizes hair-checking, thermal cracking, dusting and other defects
- Enhance the functional capabilities of concrete by "sealing in" the performance assets of strength and long life
- Offer a compressive strength significantly greater than improperly cured concrete
- Increase tensile strength for greater resistance to cracking and surface crazing
- Improves resistance to abrasion and corrosive action of salts and chemicals...minimizes excessive shrinkage
- Can be applied quickly and easily with conventional, commercial spray equipment
- Formulations are also available with red fugitive dye added
- VOC compliant ...actual VOC content is less than 200 g/L

SPECIFICATIONS

ASTM C 309, Type 1, Classes A & B
(Type 1-D, also available)
AASHTO M 148, Type 1, Classes A & B
(Type 1-D, also available)

PACKAGING

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

CONTINUED ON REVERSE SIDE...

W.R. MEADOWS, INC.

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TECHNICAL DATA

DRYING TIME: Dries in approximately 1-1/2 hours. Restrict foot traffic for at least 4 hours; 12 hours is preferable.

FLASH POINT: Greater than 210°F (99°C).

Application Tools



Manual
Sprayer



Power
Sprayer

APPLICATION:

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

Mixing... For optimum performance, gentle mixing or agitation is recommended.

CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.

In the container, the curing compound appears ivory in color; however, it dries to a clear, transparent coating with a very slight amber tint.

Method of Application... Apply in a uniform film to horizontal surfaces as soon as the surface water disappears and the surface will not be marred by walking workmen. On vertical surfaces, apply promptly after the forms are removed. May be applied with a typical commercial hand or power sprayer. Use a Chapin 8005, or equivalent, spray tip that produces a flow of 1/2 gallon (1.89 liters) per minute under 40 psi (.276 Mpa) of pressure.



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.

Coverage... Approximately 200 sq. ft./gal. (4.91sq. m/L).

Clean up... Prior to drying, clean up can be accomplished with soap and water. Once dried, it will be necessary to clean up with Mineral Spirits or other suitable petroleum distillate.

PRECAUTIONS

KEEP FROM FREEZING. Do not apply if concrete temperature 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.
SURFACE MAY DISCOLOR AND/OR YELLOW DUE TO OVER-APPLICATION.
Do not paint or apply resilient flooring over any 1100-CLEAR cured surface without first checking the specifications and securing the approval of the paint or resilient flooring manufacturer. If removal is necessary, use ULTRITE® DEGREASER from W. R. MEADOWS.

HEALTH HAZARDS

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

FOR THE MOST CURRENT PRODUCT INFORMATION, VISIT OUR WEBSITE: www.wrmeadows.com

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