

# PRODUCT DATA

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W. R. MEADOWS®

SEALTIGHT®

NO. 1640

OCTOBER 2014  
(Supersedes June 2008)

## 1640-WHITE

Water-Based, Wax-Based Concrete Curing Compound

### DESCRIPTION

1640-WHITE water-based, wax-based concrete curing compound, when properly applied provides a premium-grade membrane that optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and prevent excessive heat buildup.

### USES

1640-WHITE is ideal for application on exterior horizontal surfaces, such as highways, airports, and street paving. The product provides excellent curing when protection from the sun's heat is desired.

### FEATURES/BENEFITS

- When properly applied, provides a premium-grade film that 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 cured or uncured concrete.
- Increases tensile strength for greater resistance to cracking and surface crazing.
- Improves resistance to the abrasion and corrosive action of salts and chemicals ... minimizes shrinkage.
- Applies quickly and easily with conventional commercial spray equipment.
- VOC compliant.

### PACKAGING

5 Gallon Pails  
55 Gallon Drums

### COVERAGE

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

- AASHTO M 148, Type 2, Class A
- ASTM C 309, Type 2, Class A
- Army Corps. of Engineers, CRD C-300
- Complies with all current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, LADCO, SCAQMD, and OTC.
- FAA Spec. Item 610-2.11 (e)
- Specifically formulated to meet specifications for various federal, state, county, and city requirements.

### TECHNICAL DATA

VOC content for product manufactured in:

Arizona:	103 g/L
California:	36 g/L
Illinois:	103 g/L
Georgia:	36 g/L
Pennsylvania:	36 g/L
Texas:	103 g/L

### APPLICATION

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

*CONTINUED ON REVERSE SIDE...*

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**Mixing ...** Any settlement can be re-dispersed with gentle agitation prior to use. **CAUTION: TO AVOID FOAMING, 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. Use a Chapin 5797 spray nozzle that produces a flow of 0.5 GPM under 40 psi of pressure.

**Drying Time ...** Approximately two hours. Restrict foot traffic for at least four hours.

**Cleanup ...** Prior to drying, equipment may be easily cleaned with soap and water. Once dried, use mineral spirits or other suitable petroleum solvent.

### **PRECAUTIONS**

**KEEP FROM FREEZING.** Do not apply when the temperature of the concrete or air is less than 40° F. **DO NOT ADD OR DILUTE WITH ANY OTHER COMPOUNDS.** 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.

### **HEALTH AND SAFETY**

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

### **LEED INFORMATION**

May help contribute to LEED credits:

- IEQ Credit 4.2: Low-Emitting Materials - Paints and Coatings
- MR Credit 5: Regional Materials

**For most recent data sheet, further LEED information, and SDS, 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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