

## **DRESS & SEAL WB™** **DRESS & SEAL WB30™**

Water-Based, Acrylic Copolymer Cure, Sealer and Dustproofer

### **MANUFACTURER**

**L&M Construction Chemicals, Inc.**  
14851 Calhoun Road  
Omaha, NE 68152  
Phone: (402)453-6600  
FAX: (402)453-0244  
Website: [www.lmcc.com](http://www.lmcc.com)

### **PRODUCT DESCRIPTION**

**DRESS & SEAL WB** formulations are water-based, low VOC, acrylic copolymer solutions that cure, seal and dustproof concrete with minimal yellowing. The tough film locks in moisture, curing the concrete for maximum hardness. These clear, fast drying, sprayable liquids are equally effective on interior as well as exterior surfaces.

**DRESS & SEAL WB** formulations have a very low odor and dry to form a clear, medium to high gloss, protective film that is highly resistant to blushing. They adhere well to concrete surfaces and have excellent barrier properties, particularly to jobsite contaminants, dirt, and a variety of mild chemicals.

**Basic Use:** **DRESS & SEAL WB** and **WB 30** are recommended for use in applications where low odor and/or VOC compliance is required, and where positive sealing and dustproof performance are demanded, such as: warehouses, office buildings, driveways, sidewalks, municipal buildings and food processing plants. **DRESS & SEAL WB**-treated surfaces are compatible with most paints and tile adhesives after a proper curing period of seven days or more.

### **FEATURES & BENEFITS**

- *Low odor.*
- *Excellent curing and sealing properties.*
- *VOC compliant formulations.*
- *Compatible with most tile adhesives and paints.*
- *Seals out jobsite dirt and mortar drippings.*
- *Easy to spray and apply.*

### **ESTIMATING**

**DRESS & SEAL WB** comes in 1 gallon (3.8-liter), 5-gallon (18.9-liter) and 55-gallon (208-liter) containers. Containers are identified with product name and batch code.

#### **Typical Coverage Rates:**

First coat, curing - 200-300 ft<sup>2</sup>/gal (5 to 7 m<sup>2</sup>/liter)  
Second coat, sealing - 400-600 ft<sup>2</sup>/gal (10-15 m<sup>2</sup>/liter)

### **TECHNICAL DATA**

#### *Applicable Standards:*

ASTM-C-309, Type 1, 1D  
ASTM-C-1315, Type 1, Class B (**DRESS & SEAL WB 30**)  
Asphalt and Vinyl Institute  
USDA Accepted

<i>Typical Properties:</i>	<b>WB</b>	<b>WB30</b>
Total Solids, % Minimum	15	30
Coverage Rate, ASTM-C-156 Ft <sup>2</sup> /gal(m <sup>2</sup> /L)	200(5)	300(7.5)
Unit Moisture Loss, ASTM- C-309 (kg/m <sup>2</sup> @ 72 hrs.)	<0.55	<0.4
Alkali Resistance, (hours), minimum	>50	>75
Weathering, (days)	>21	>28
Salt Spray, 5% @ 95°F(35°C), hrs	>500	>750
Surface Gloss	Medium	High
Ultraviolet Resistance, 1000 hrs. (2500 angstrom lamp)	1 (slight)	1 (slight)
VOC, grams/liter, max.	<170	<170
Complies with:		
ASTM-C-309	Yes	Yes
ASTM-C-1315	No	Yes (Class B)

### **INSTALLATION**

**Fresh Concrete:** Concrete must be free of oil, dirt, waxes or other foreign material. Stir well before using. Apply with low pressure spray or applicator after surface water glaze disappears. Apply two uniform, thin coats directly from container. Do not dilute or puddle. Allow first coat to dry to touch before applying second coat, maximum 3 hours between coats.

**Old or new hardened concrete:** Degrease and clean surfaces of all contaminants with **L&M CITREX**. Dampen the concrete and broom out all standing water immediately prior to application. Apply two uniform coats of **DRESS & SEAL WB** without puddling. Allow 2-3 hours between coats. Very porous or worn concrete may require additional coats.

**Clean-up:** Flush applicator equipment with soapy water before sealer dries. After it dries, use aromatic solvent.

### **FOR BEST RESULTS:**

- Drying of **DRESS & SEAL WB** products is accomplished by the simultaneous evaporation of water and volatile organic components. For proper film development, apply only when the surface temperature is above 45°F (7°C) and the relative humidity is below 80%. Failure to follow the guidelines may result in a mottled appearance.



**DRESS & SEAL WB•WB30**



- Apply in thin, even coats. Enhanced air circulation is desired to improve the drying rate and film properties and to remove minimal organic solvent vapors.
- These products are to be removed prior to subsequent installation of cementitious toppings, or application of chemical hardeners, sealers or coatings.
- **DO NOT FREEZE.** Do not store or apply in subfreezing weather unless properly protected. Freezing will cause this product to become useless.
- Recently applied **DRESS & SEAL WB and WB 30** film may turn white when exposed to standing water. Remove water and allow to dry. Dry film will clear in a short time.
- If a waterproof membrane or rising dampness underlies the concrete floor, some discoloration may appear under the acrylic membrane and will be apparent for some time due to the slow release of the water in the concrete.
- Do not dilute.
- **DRESS & SEAL WB and WB 30** film gloss will fade in exterior applications. Periodic, light applications are recommended to maintain gloss and protection. Lightly abrade shiny surfaces before reapplication. Do not apply on light colored surfaces exposed to direct sunlight.
- On colored concrete, try a test patch to check for possible mottling. Application on light colored surfaces that are exposed to direct sunlight may slightly discolor.

## PRECAUTIONS

Contains minimal organic solvents. Use with adequate ventilation. Wear protective gloves and goggles. Remove foodstuffs from application area prior to installation.

Please refer to Product Material Safety Data Sheet (MSDS) before using.

## STORAGE/ SHELF LIFE

**DRESS & SEAL WB and WB 30** containers are to be kept tightly sealed. Store in a clean dry area at temperatures between 45°-85°F. (6°-29°C). Shelf life is one year in factory-sealed containers when properly stored. Do not freeze.

## FAX ON DEMAND/WEBSITE

L&M's exclusive Fax On Demand and its convenient internet website offer instant access to Tech Data Sheets, Material Safety Data Sheets, product updates, and other useful information. Simply dial 800-839-9887 or visit [www.lmcc.com](http://www.lmcc.com) and follow the easy steps.

## SHORT SPEC

03300: Acrylic curing and sealing compound: Acrylic curing compound; shall conform to ASTM C 309, be VOC compliant, and meet all local air quality regulations. "**DRESS & SEAL WB**" as manufactured by L&M Construction Chemicals, Inc.

03300: High solids, acrylic curing and sealing compound: Minimum 25% non-yellowing, acrylic solids curing compound; shall conform to ASTM C 309 and ASTM C-1315, Type I, Grade B, be VOC compliant, and meet all local air quality regulations. "**DRESS & SEAL WB 30**" as manufactured by L&M Construction Chemicals, Inc..

## LIMITED WARRANTY

*This product is warranted to be free of defects in material and workmanship, and conform to L&M Construction Chemicals ("L&M") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond L&M's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. L&M shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. L&M's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.*

## For Professional Use Only.

©2005, L&M Construction Chemicals, Inc.

#705293-3

January 20, 2005