



L&M™ DRESS & SEAL WB™ / WB 30

DS-173.4-0824

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

L&M™ DRESS & SEAL WB™ / WB 30

2. MANUFACTURER

LATICRETE International, Inc.

1 LATICRETE Park North

Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 1235

Toll Free: 1.800.243.4788, ext. 1235

Fax: +1.203.393.1684

Website: laticrete.com

3. PRODUCT DESCRIPTION

DRESS & SEAL WB family of formulations are water-based, low VOC, acrylic copolymer solutions that create a permeable membrane to aid in curing and dustproofing of freshly poured concrete. The tough film locks in moisture during the curing process allowing the concrete to obtain maximum psi strength. This clear, fast drying, sprayable liquid is effective on both interior and exterior surfaces.

"BETTER CONCRETE. BETTER WORLD."

Specification Description

DRESS & SEAL WB

03 39 13: Acrylic curing and membrane compound: acrylic curing compound; shall conform to ASTM C 309, be VOC compliant, and meet local air quality regulations.

DRESS & SEAL WB 25

03 39 23.13: High solids, acrylic curing and membrane compound: Minimum 25% non-yellowing, acrylic solids curing compound; shall conform to ASTM C 309 and

ASTM C 1315, Type I, Class A, be VOC compliant, and meet local air quality regulations.

DRESS & SEAL WB 30

03 39 23.13: High solids, acrylic curing and membrane compound: Minimum 30% non-yellowing, acrylic solids curing compound; shall conform to ASTM C 309 and ASTM C 1315, Type I, Class A, be VOC compliant, and meet local air quality regulations.

Uses

- DRESS & SEAL WB family of formulations are recommended for use in applications where low odor and/or low VOC is required, and where enhanced concrete curing and dustproof performance of freshly poured concrete are demanded such as: warehouses, office buildings, driveways, sidewalks, municipal buildings and food processing plants.

Advantages

- Water-Based
- Low odor & Low VOC
- Applies easily with conventional spray equipment
- Excellent membrane properties aids in curing
- Dustproofs freshly poured concrete

Suitable Substrates

- Green Concrete
- Existing Concrete

Packaging

- 5 Gal (18.9 L)
- 55 Gal (208 L)
- 275 Gal (1040 L)*

*Non-stock item. Call for availability.

Approximate Coverage

First coat - 200-400 ft²/gal (4.9 to 9.8 m²/L)

Second coat - 400-600 ft²/gal (9.8-14.7 m²/L)

Note: Coverage rates may vary depending on substrate texture and porosity.

Shelf Life

Containers are to be kept tightly sealed. Store in a clean dry area at temperatures between 45-95°F. (7-35°C). Shelf life is one year in factory-sealed containers when properly stored.

Limitations

- Remove DRESS & SEAL WB prior to installation of cement toppings, chemical hardeners, sealers, coatings, etc.
- Do not store or apply in subfreezing weather unless properly protected.
- Some discoloration may appear under the acrylic membrane and may be visible for some time due to the slow release of moisture in the concrete.
- DRESS & SEAL WB film gloss will fade in exterior applications.
- Avoid long-term exposure to standing water. DRESS & SEAL WB film may turn white when exposed to standing water.

Cautions

- Do not allow to freeze
- Contains minimal organic solvents
- Use with adequate ventilation
- Wear protective gloves and goggles
- Please refer to Safety Data Sheet (SDS) before using
- For proper film development, apply only when the surface temperature is above 45°F (7°C) and the ambient relative humidity is below 80%
- Failure to follow the guidelines may result in a mottled appearance
- Visible white haze may remain for some time on dark colored concrete
- On colored concrete, try a test patch to check for possible mottling
- Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

4. TECHNICAL DATA

VOC/LEED Product Information

<350 g/L

Applicable Standard

- ASTM C309, Type 1, 1D
- DRESS & SEAL WB
- DRESS & SEAL WB 25
- DRESS & SEAL WB 30 ASTM C1315, Type 1, Class A
- DRESS & SEAL WB 25

- DRESS & SEAL WB 30

Physical Properties

DRESS & SEAL WB

Property	Observed
Total Solids	15 %
Coverage Rates, ASTM C156	200 ft ² /gal (4.9m ² /L)
Unit Moisture Loss, ASTM C309	<0.55 (kg/m ² @72 hrs)
Alkali Resistance, minimum	>50 Hours
Weathering	>21 Days
Salt Spray, 5% @ 95°F (35°C)	>500 Hours
Surface Gloss	Medium
Ultraviolet Resistance, 1000 Hours	Non-yellowing
ASTM C 309	Yes

DRESS & SEAL WB 25

Property	Observed
Total Solids	25%
Coverage Rates, ASTM C156	300 ft ² /gal (7.5 m ² /L)
Unit Moisture Loss, ASTM C309 / ASTM C1315	<0.4 (kg/m ² @72 hrs)
Alkali Resistance, minimum	>50 Hours
Weathering	>21 Days
Salt Spray, 5% @ 95°F (35°C)	>750 Hours
Surface Gloss	Medium
Ultraviolet Resistance, 1000 Hours	Non-yellowing
ASTM C 309	Yes

DRESS & SEAL WB 30

Property	Observed
Total Solids	30%
Coverage Rates, ASTM C156	300 ft ² /gal (7.5 m ² /L)
Unit Moisture Loss, ASTM C309 / ASTM C1315	<0.4 (kg/m ² @72 hrs)
Alkali Resistance, minimum	>50 Hours
Weathering	>28 Days
Salt Spray, 5% @ 95°F (35°C)	>750 Hours
Surface Gloss	Medium
Ultraviolet Resistance, 1000 Hours	Non-yellowing
ASTM C 309	Yes

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation - Freshly placed concrete

Surface must be finished to specified requirements prior to the application of DRESS & SEAL WB™ family of

products. Dampen the concrete and broom out all standing water immediately prior to application.

Application - Freshly placed concrete

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.

Cleaning

Use xylene or other aromatic solvent, to flush out/clean spray equipment and tools.

6. AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

8. MAINTENANCE

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 1235

Telephone: +1.203.393.0010, ext. 1235

Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at laticrete.com. The following is a list of related documents:

- DS 230.13: LATICRETE Product Warranty
- DS 176.6: CITREX

LATICRETE International, Inc.

One LATICRETE Park North, Bethany, CT 06524-3423 USA • 1.800.243.4788 • +1.203.393.0010 • www.laticrete.com

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