



**L&M**  
Construction Chemicals

# L&M CURE R™

DS-172.1-0215

A product brand of LATICRETE International, Inc.



## 1. PRODUCT NAME

L&M CURE R™

## 2. MANUFACTURER

LATICRETE International, Inc.

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Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 235

Toll Free: 1.800.243.4788, ext. 235

Fax: +1.203.393.1684

Website: [www.lmcc.com](http://www.lmcc.com)

## 3. PRODUCT DESCRIPTION

L&M CURE R is ready-to-use dissipating resin membrane curing agent that cures freshly placed concrete; forming an effective barrier against moisture loss from concrete surfaces. This sprayable liquid maintains efficient water retention performance to comply with ASTM, AASHTO, and most State DOT requirements. L&M CURE R dries to a clear amber colored resin membrane curing compound.

### Uses

L&M CURE R is an effective curing membrane for normal concrete, shake-on hardeners, and new concrete toppings in commercial and industrial projects.

### Specification Description

03 39 23.13: Acrylic Curing Compound: Minimum 25% acrylic solids shall conform to ASTM C309, Type I, and ASTM C1315, Type 1.

### Advantages

- Applies easily with conventional spray equipment
- Low odor
- Naturally dissipates through normal traffic and exposure to sunlight
- Can be used on interior, exterior, horizontal, and vertical concrete applications
- Improves the compressive strength of treated concrete when compared to uncured or improperly cured concrete

### Suitable Substrates

- Freshly Placed Concrete

### Packaging

5 Gal (19 L)

55 Gal (208 L)

### Approximate Coverage

Surface porosity determines coverage rate. For best results:

Broom finishes - 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L)

Steel troweled - 300 ft<sup>2</sup>/gal (7.3 m<sup>2</sup>/L)

For rapid dissipation - 400 ft<sup>2</sup>/gal (9.8 m<sup>2</sup>/L)

### Shelf Life

Containers are to be kept tightly sealed. Do not freeze. Store above 40°F (4°C). Shelf life is one year in factory-sealed containers when properly stored.

### Limitations

- Temperature must be over 40°F (4°C) for use
- Apply only to frost-free surfaces
- Do not apply over standing water
- Natural dissipation of L&M CURE R is dependent upon exposure to direct sunlight and abrasion
- Over-application, lack of sunlight, or abrasion may inhibit natural dissipation and may require professional removal
- L&M CURE R will yellow and darken upon exposure to sunlight and then gradually dissipate
- Remove prior to subsequent toppings, tile, coatings, etc

### Cautions

- Keep from freezing
- Keep out of reach of children
- Do not spray near sources of ignition
- Wear protective goggles and gloves
- Please refer to Safety Data Sheet (SDS) before using

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

### Applicable Standard

ASTM C 309, Type 1 and 1D, Class B

AASHTO M-148, Type 1, Class B

### Physical and Working Properties

Property	Observed
Color	Clear Amber*
Specific Gravity	1.00
Moisture Loss @ 200 ft <sup>2</sup> /gal (5m <sup>2</sup> /L) 3 days	0.5 kg/m <sup>2</sup>
Dry Time, at 73°F (23°C) to touch	2 Hours
Dry Time, at 73°F (23°C) Dry	3-4 Hours
VOC	325 g/L

\* L&M Cure R™ is a milky white emulsion that dries clear amber.

Specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet 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. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their 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 their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

## 5. INSTALLATION

### Application

Surface must be finished to specified requirements prior to the application of L&M CURE R. Stir well before using to ensure uniform consistency. Do not dilute. Uniformly apply to fresh concrete surfaces after final troweling when surface water has dissipated. Evenly apply to the concrete surfaces by spray or roller at the rate specified. Do not puddle. Provide adequate ventilation when in an enclosed, highly humid, unvented area. Apply after surface bleed water dissipates. Immediately wash off and squeegee excess cure if it has not dried within four hours.

### Cleaning

Prior to product drying, clean up equipment using soap and hot water. After the product hardens, soak with xylene\* or other available aromatic solvent. Flush clean.

\***Caution:** Xylene is flammable and hazardous.

## 6. AVAILABILITY AND COST

### Availability

L&M™ and 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

[www.lmcc.com](http://www.lmcc.com)

### Cost

Contact a LATICRETE Distributor in your area.

## 7. WARRANTY

See 10. FILING SYSTEM:

DS 230.13: LATICRETE Product Warranty

## 8. MAINTENANCE

Non-finish LATICRETE and LATAPOXY® installation materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

## 9. TECHNICAL SERVICES

### Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 235

Telephone: +1.203.393.0010, ext. 235

Fax: +1.203.393.1948

### Technical and Safety Literature

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

[www.laticrete.com](http://www.laticrete.com).

## 10. FILING SYSTEM

Additional product information is available on our website at [www.laticrete.com](http://www.laticrete.com). The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty

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