

L&M CURE R L&M CURE R-2™

Water-Based, Dissipating Resin Curing Compound

MANUFACTURER

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PRODUCT DESCRIPTION

L&M CURE R is a VOC-compliant 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. L&M CURE R-2 is an opaque, white-pigmented membrane and is recommended for exterior pavements.

L&M CURE R is designed to provide excellent early curing properties and then, after 90 or more days, begins to naturally deteriorate upon regular exposure to sunlight and abrasion. Only after complete removal is the concrete surface suitable for subsequent applications of cementitious toppings, floor tiles, coatings, chemical hardeners, water repellents or sealers

Basic Use: L&M CURE R is an effective cure for normal concrete, shake-on hardeners, and new concrete toppings in commercial and industrial projects. L&M CURE R-2 is for use where direct sunlight reflectance is required, such as state highways, city and county roads and sidewalks, bridge decks, dams, airport runways and institutional projects.

FEATURES & BENEFITS

- Water-borne - VOC compliant.
- Low odor.
- Fast drying.

ESTIMATING

This product is available in 5-gallon (18.9-liter) and 55-gallon (208-liter) containers. Each container is clearly identified with product name and batch code.

Typical Coverage Rate:

Surface porosity determines coverage rate. For best results, we recommend:

Broom finishes - 200 ft²/gallon (5 m²/liter)
Steel troweled - 300 ft²/gallon (7.5 m²/liter)
For rapid dissipation - 400 ft²/gallon (10 m²/liter)

TECHNICAL DATA

Applicable Standards:

L&M CURE R:
ASTM C 309, Type 1 and 1D, Class B
AASHTO M-148, Type 1, Class B
VOC compliant

L&M CURE R-2:
ASTM C 309, Type II, Class B
AASHTO M-148, Type II, Class B
VOC compliant

L&M CURE R and R-2 are water borne, VOC compliant, dissipating resin curing compounds for concrete surfaces. Typical L&M CURE R and R-2 properties are:

	L&M CURE R	L&M CURE R-2
Color.....	Clear Amber*	White
Specific Gravity	1.00	1.03
Moisture Loss @ 200 sq.ft./gal. (5 m ² /liter)		
3 days kg/m ²50	.45
Reflectance	N/A	62+
Dry Time, hours at 73°F		
To touch	2	2
Dry	3-4	3-4
VOC, grams/liter	325	245
VOC, lbs./gallon.....	2.7	2.0

* L&M CURE R is a milky white emulsion that dries clear amber. Also available with red fugitive dye to aid in application.

INSTALLATION

Apply to fresh concrete surfaces after final troweling when surface water glaze has disappeared. Stir well before using to insure uniform consistency.

Application: Uniformly apply directly to the concrete surfaces by spray or roller at the rate specified. Do not puddle.

Clean-up: 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. To facilitate early removal of L&M CURE R membrane, use CITREX.

FOR BEST RESULTS:

For placement above 40°F. (4°C). Apply only to frost-free surfaces. Do not apply over standing water. L&M CURE R-2 is not recommended for architectural concrete and must be removed where subsequent toppings are to be applied.



Natural dissipation of **L&M CURE R** is dependent upon exposure to direct sunlight and abrasion. Over-application or lack of sunlight or abrasion may inhibit natural dissipation and may require professional removal. Do not puddle. **L&M CURE R** will yellow and darken upon exposure to sunlight and then gradually dissipate.

PRECAUTIONS

Keep from freezing. This product can be made useless by freezing. Do not spray near sources of ignition. Wear protective goggles and gloves.

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

STORAGE/SHELF LIFE

L&M CURE R and **L&M CURE R-2** containers are to be kept tightly sealed. Do not freeze. Store above 40°F. (4°C). Stir well before using as some settlement will occur during storage. Shelf life is one year in factory-sealed containers when properly stored.

WEBSITE

L&M's convenient internet website offers instant access to Tech Data Sheets, Material Safety Data Sheets, product updates, and other useful information. Visit www.lmcc.com and follow the easy steps. L&M is ready to respond to your concrete information needs - anytime - anywhere!

SHORT SPEC

033000: Disipating resin-based curing compound shall conform to ASTM C 309, Type 1, Class B and local air quality regulations. Cure shall begin to chemically break down when exposed to sunlight and abrasion. "L&M Cure R" 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 own 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.

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