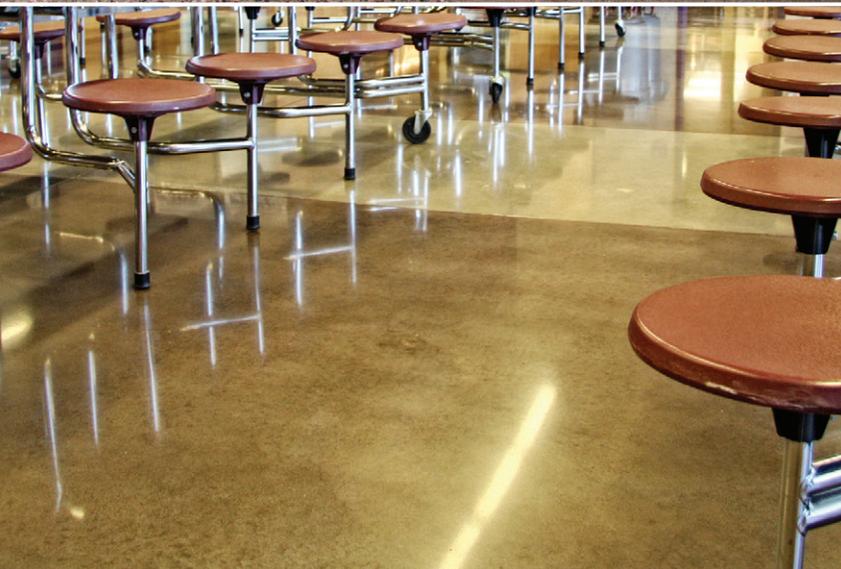




# L&M™ Concrete Construction Chemicals

## Product Selection Catalog



Globally Proven Construction Solutions

	<b>Page</b>
WARRANTY .....	3
SYSTEM SOLUTIONS .....	4-5
<b>FORM COATINGS</b>	
L&M™ DEBOND™ .....	6
L&M DEBOND GOLD .....	6
L&M E-Z STRIP™ .....	7
<b>CURING COMPOUNDS</b>	
L&M CURE™ .....	7
L&M CURE R™ .....	8
L&M CURE W™ .....	8
L&M CURE W2™ .....	9
<b>CURING AND SEALING COMPOUNDS - SOLVENT BASED</b>	
L&M DRESS & SEAL™ .....	9
L&M DRESS & SEAL 30™ .....	10
L&M LUMISEAL PLUS™ .....	10
<b>CURING AND SEALING COMPOUNDS - WATER BASED</b>	
L&M DRESS & SEAL WB™ .....	11
L&M DRESS & SEAL WB 25™ .....	11
L&M DRESS & SEAL WB 30™ .....	12
L&M LUMISEAL FX™ .....	12
<b>WATER REPELLENTS</b>	
L&M AQUAPEL™ .....	13
L&M AQUAPEL PLUS™ .....	13
<b>FGS PRODUCTS FOR POLISHED CONCRETE</b>	
L&M FGS HARDENER PLUS™ .....	14
L&M FGS CONCRETE CONDITIONER™ .....	14
L&M PERMAGUARD SPS™ .....	15
L&M PETROTEX™ .....	15
<b>CONCRETE DYES</b>	
L&M VIVID DYE™ .....	16
L&M VIVID DYE WB PLUS™ .....	16

	<b>Page</b>
<b>CHEMICAL HARDENERS, DENSIFIERS</b>	
L&M CHEM HARD™ .....	17
L&M LION HARD™ .....	17
L&M SEAL HARD™ .....	18
<b>SHAKE ON HARDENERS AND TOPPING</b>	
L&M EMERYPLATE FF™ .....	18
L&M DURATOP HP™ .....	19
L&M EMERYTOP 400™ .....	19
L&M GRIP IT™ .....	20
L&M GRIP IT AO™ .....	20
L&M QUARTZPLATE FF™ .....	21
L&M TRAP ROCK™ .....	21
<b>STRUCTURAL GROUTS</b>	
L&M CRYSTEX™ .....	22
L&M DURAGROUT™ .....	22
L&M EPOGROUT 758™ .....	23
<b>CONCRETE PATCHING AND RESTORATION PRODUCTS</b>	
L&M DURACRETE™ .....	23
<b>DEGREASER, STRIPPER</b>	
L&M CITREX™ .....	24
<b>EVAPORATION CONTROL</b>	
L&M E-CON™ .....	24
<b>TILE AND STONE SEALANT</b>	
LATASIL™ .....	25
<b>BONDING AGENTS</b>	
L&M EVERBOND™ .....	25
<b>JOINT FILL</b>	
L&M JOINT TITE 750™ .....	26

Disponible en français.

Visiter [www.laticrete.com/fr](http://www.laticrete.com/fr) pour les informations complètes.

Disponible en español.

Visite [www.laticrete.com/sp](http://www.laticrete.com/sp) para la información completa.

# LATICRETE OFFERS A DUSTPROOF WARRANTY FOR L&M™ DENSIFIERS AND HARDENERS

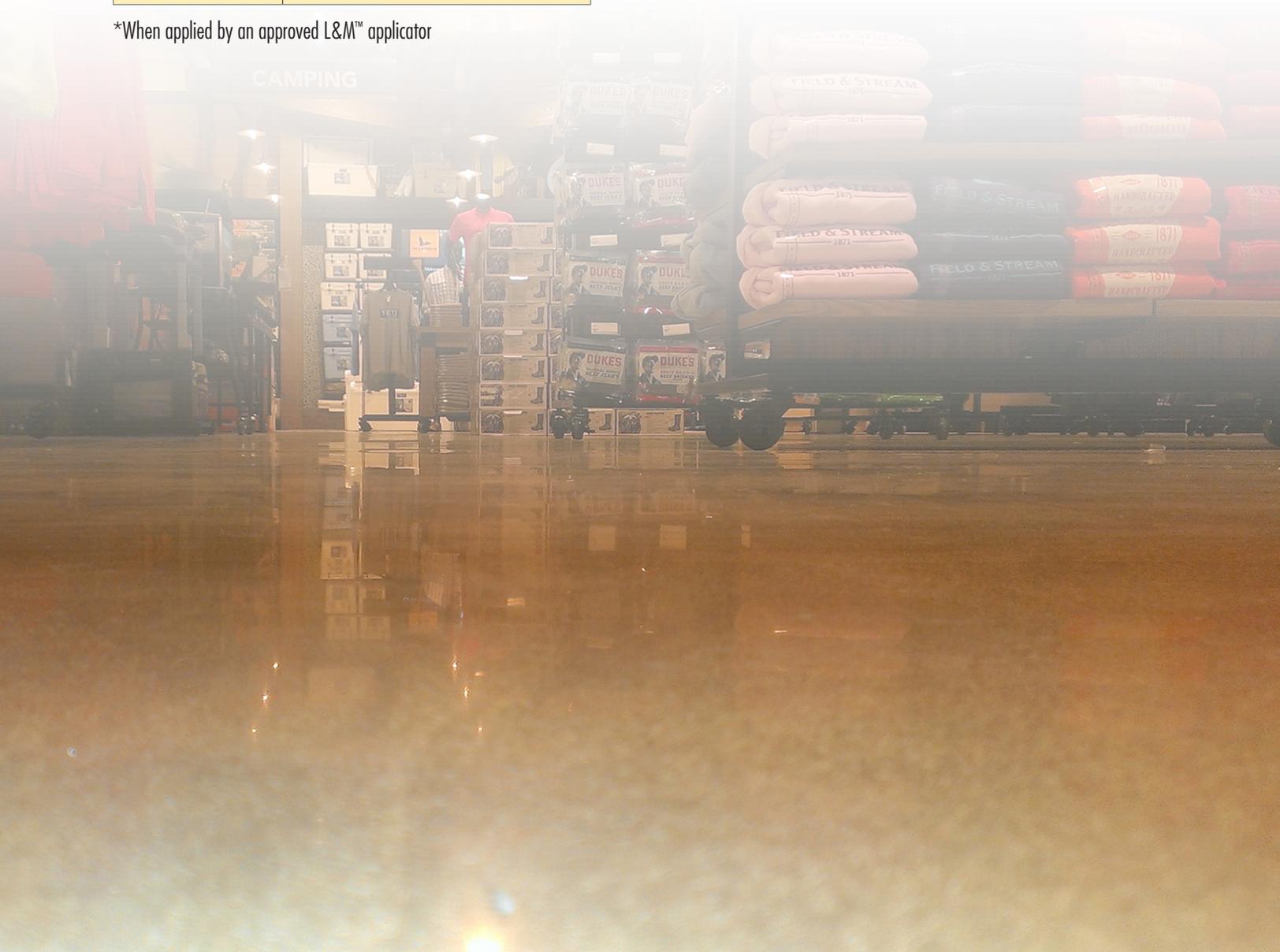


Warranty

**10 YEAR SYSTEM WARRANTY\***  
SEE DATA SHEET 210.0 FOR COMPLETE WARRANTY INFORMATION.

APPLICATION	PRODUCTS
DENSIFIER / HARDENER	L&M FGS HARDENER PLUS™ L&M LION HARD® L&M SEAL HARD®

\*When applied by an approved L&M™ applicator



For over 60 years, LATICRETE has led the industry with pioneering advancements—developing high-performance building materials for architects and construction professionals worldwide. From time-tested to ground-breaking, our broad product portfolio provides superior quality and value. We are fully committed to innovation, growth and a complete system component approach.

## **Tile & Stone Installation and Care Systems**

Ensure a successful installation each and every time with the most comprehensive assortment of innovative tile and stone installation materials available worldwide. LATICRETE® industry-leading products provide complete system solutions from the substrate up through the grout for virtually any type of tile or stone installation in commercial, industrial and residential applications.

Product categories include surface preparation, waterproofing, sound control, anti-fracture, adhesives, grouts, sealers and cleaners, and shower system components — all designed to work together, providing a comprehensive installation.

CSI Divisions 9 & 22



## **Masonry Installation and Care Systems**

Keep up with the increasing popularity of adhered masonry veneers. Trust your installations to a complete productivity-boosting system designed to deliver superior, long-term performance on masonry projects of all types including residential, commercial, and industrial applications.

Unlike traditional methods and materials, the Masonry Veneer Installation System (MVIS™) is engineered to provide a permanent, high-strength installation that uses a revolutionary waterproofing membrane to protect against weather and water intrusion, and provide freeze/thaw stability. The MVIS is designed for thin-brick, manufactured stone and natural stone veneers for interior and exterior applications. Complimentary products include paver sand, and sealers and cleaners for stone and pavers.

CSI Division 4

## **Concrete Restoration and Care Systems**

A quality finished floor starts with a properly prepared surface—one that guarantees a long-lasting, durable installation. LATICRETE time-tested surface preparation products are formulated to preserve quality by protecting installations from water vapor transmission, sound transmission and cracks. They provide a perfectly level and flat substrate to accommodate a variety of floor finishes including vinyl, wood, carpet and tile.

Our innovative products are engineered to ensure substrates will easily accept finishes with minimal time and maximum cost-effectiveness, no matter how challenging your subflooring project may be.

CSI Divisions 3 & 9



## Decorative Finishes

Offer unparalleled integral colors, textures, and finishes with high-performance coatings, overlayments, and restoration solutions that give owners exceptionally attractive, durable, decorative floors. LATICRETE decorative finishes allow you to deliver vivid color and gloss with high impact and wear resistance, quick turnaround, and low maintenance.

CSI Divisions 3 & 9



## Concrete Construction Chemicals

Improve the long-term durability, performance and appearance of concrete surfaces with our complete line of protection and repair solutions. Curing and sealing treatments, floor hardeners and densifiers, polished concrete systems and stain protection products work together to ensure your concrete floor is safe, resilient, and easy to maintain.

CSI Division 3

## SUPERCAP® System

The SUPERCAP® System is a time-saving, cost-effective method for finishing new concrete or capping existing slabs by combining a LEED-contributing, UL GREENGUARD Gold Certified, low-alkali, self-leveling, cement-based technology with a computer-controlled mobile blending unit (pump truck).

This proven lean tool provides benefits right from the start of concrete placement in division 3 and flows through to division 9. With the ability to blend 30,000 pounds per hour and deliver material up to 60 stories high, this revolutionary system benefits the entire project by providing predictable results that save time, money, and improve overall quality.

CSI Division 3



## Industry-Leading Training and Support

### UL GREENGUARD Gold Certification

LATICRETE® low-VOC products are independently certified. Our products help you contribute toward LEED certification.



### LEED Support

Our online project certification tool automatically generates required LATICRETE product information for your specific LEED project submittals. Additional LEED information and calculations are available at [laticrete.ecoscorecard.com](http://laticrete.ecoscorecard.com).



### LATICRETE Architectural Guidebook

Use this informative online tool to get complete details for project specs and design. You can access it at: [www.laticrete.com/ag](http://www.laticrete.com/ag)

### Training and Education

LATICRETE will hold continuing education seminars right from your office. You can also attend product and installation technology seminars at one of our training centers or a location of your choice.



**L&M™ DEBOND®**

Refer to Data Sheet 175.9  
 8-16-354-1892 / 8-16-354-1134 /  
 8-16-354-1132 / 8-16-354-1129



A non-staining, low VOC, concrete form release for application to all types of concrete forms.

**FEATURES/BENEFITS:**

- Reduces concrete build-up and bugholes
- Non-residual, non-staining
- Effective on all types of forms
- Low odor

**PACKAGING:**

- 1 gal (3.8 L)
- 5 gal (18.9 L)
- 55 gal (208 L)
- 275 gal (1040 L) totes

**APPROXIMATE COVERAGE**

For pipe plants, block plants, paving equipment:  
 Coat lightly before each use.

Prestress and Precast	1,500-2,000 ft <sup>2</sup> /gal (35-50m <sup>2</sup> /L)
Steel, plastic, fiberglass	800-1,200 ft <sup>2</sup> /gal (20-30 m <sup>2</sup> /L)
Wood and other porous forms	600-800 ft <sup>2</sup> /gal (15-20 m <sup>2</sup> /L)

**L&M DEBOND GOLD**

Refer to Data Sheet 175.8  
 8-16-355-1891 / 8-16-355-1139 / 8-16-355-1136



A non-staining, low VOC, concrete form release for application to all types of concrete forms, but especially for use in demanding prestress and precast applications.

**FEATURES/BENEFITS:**

- Premium quality release for prestress and precast plants
- Helps eliminate concrete build-up and bugholes
- Non-residual, non-staining
- Low VOC

**PACKAGING:**

- 5 gal (18.9 L)
- 55 gal (208 L)
- 275 gal (1040 L) totes

**APPROXIMATE COVERAGE**

For pipe plants, block plants, paving equipment:  
 Coat lightly before each use.

Prestress and Precast	1,500-2,000 ft <sup>2</sup> /gal (35-50m <sup>2</sup> /L)
Steel, plastic, fiberglass	800-1,200 ft <sup>2</sup> /gal (20-30 m <sup>2</sup> /L)
Wood and other porous forms	600-800 ft <sup>2</sup> /gal (15-20 m <sup>2</sup> /L)

**L&M E-Z STRIP™**

Refer to Data Sheet 176.0  
8-16-356-1143 / 8-16-356-1142



A low VOC, non-staining, ready-to-use concrete form release for application to forms for easy removal.

**FEATURES/BENEFITS:**

- Economical
- Low VOC
- Sprayable, easy to apply
- Non-residual, non-staining
- Contains no diesel fuel or fuel oil

**PACKAGING:**

5 gal (18.9 L)  
55 gal (208 L)

**L&M CURE™**

Refer to Data Sheet 172.0  
8-10-251-1062 / 8-10-251-1063 / 8-10-251-1067  
8-10-253-1067



A low VOC, ready to use, non-residual concrete curing compound. L&M™ CURE™ is recommended for areas where non-residual performance is critical.

**FEATURES/BENEFITS:**

- Compatible with subsequent toppings
- Stain free and residue free concrete cure
- Economical
- No odor
- Low VOC

**PACKAGING:**

5 gal (19 L)  
55 gal (208 L)



**APPROXIMATE COVERAGE**

For pipe plants, block plants, paving equipment:  
Coat lightly before each use.

Steel, plastic, fiberglass      600 ft<sup>2</sup>/gal (14.7 m<sup>2</sup>/L)

Wood and paper forms      400 ft<sup>2</sup>/gal (9.8 m<sup>2</sup>/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)



**L&M™ CURE R™**

Refer to Data Sheet 172.1  
8-10-255-1071 / 8-10-255-1070



A ready-to-use dissipating resin membrane curing agent that cures freshly placed concrete, forming an effective barrier against moisture loss from concrete surfaces.

May be subject to Volatile Organic Compound sales restrictions at the state, county and/or city level. Please see TDS 280 at [www.laticrete.com](http://www.laticrete.com) for further guidance.

**FEATURES/BENEFITS:**

- Low odor
- Easy to use
- Fast drying

**PACKAGING:**

5 gal (19 L)  
55 gal (208 L)

**L&M CURE W™**

Refer to Data Sheet 172.3  
8-10-264-1465 / 8-10-264-1464



An emulsified wax, concrete curing agent that cures the concrete by forming a barrier against moisture loss.

**FEATURES/BENEFITS:**

- Good moisture retention properties
- Very low odor for interior applications
- Recommended for exterior pavements
- Water-borne, low VOC

**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)

**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)

**L&M CURE W2™**

Refer to Data Sheet 172.4  
8-10-258-1087 / 8-10-258-1086



A water-based, emulsified wax, liquid membrane forming curing compound for freshly finished concrete. L&M™ CURE W2™ has a white pigment which reflects the sun's rays to help keep the concrete surface cooler, and helps maximize water retention.

**FEATURES/BENEFITS:**

- Good moisture retention properties
- Very low odor for interior applications
- Recommended for exterior pavements
- Water-borne, low VOC

**PACKAGING:**

5 gal (19 L)  
55 gal (208 L)

**L&M DRESS & SEAL™**

Refer to Data Sheet 173.0  
8-13-301-1019 / 8-13-301-1018 / 8-13-301-1021



A sprayable, acrylic copolymer that cures, seals, and dustproofs concrete. L&M DRESS & SEAL™ is a tough impervious acrylic which retains moisture, curing the concrete for maximum hardness.

May be subject to Volatile Organic Compound sales restrictions at the state, county and/or city level. Please see TDS 280 at [www.laticrete.com](http://www.laticrete.com) for further guidance.

**FEATURES/BENEFITS:**

- Protects sound concrete from dusting when used as directed
- Easy to spray formula
- Excellent curing and sealing properties
- Enhances the look of colored, stamped concrete

**PACKAGING:**

1 gal (3.8 L)  
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)

**APPROXIMATE COVERAGE**

Typical Coverage Rates  
(depending on texture and porosity)

First coat, curing	300-400 ft <sup>2</sup> /gal (7.4-9.8 m <sup>2</sup> /L)
Second coat, sealing	400-600 ft <sup>2</sup> /gal (9.8-14.7 m <sup>2</sup> /L)
Stamped and patterned concrete	300 ft <sup>2</sup> /gal (7.4 m <sup>2</sup> /L)
Exposed aggregate	200 ft <sup>2</sup> /gal (4.9 m <sup>2</sup> /L)



**L&M™ DRESS & SEAL 30™**

Refer to Data Sheet 173.3  
8-13-302-1023 / 8-13-302-1024 / 8-13-302-1026



The highest solids version of our popular L&M™ DRESS & SEAL™ products. L&M DRESS & SEAL 30™ is a ready to use, acrylic copolymer that cures, seals, and dustproofs concrete.

May be subject to Volatile Organic Compound sales restrictions at the state, county and/or city level. Please see TDS 280 at [www.laticrete.com](http://www.laticrete.com) for further guidance.

**FEATURES/BENEFITS:**

- Low odor
- Easy to use
- Fast drying

**PACKAGING:**

- 1 gal (3.8 L)
- 5 gal (19 L)
- 55 gal (208 L)

**APPROXIMATE COVERAGE**

Typical Coverage Rates  
(depending on texture and porosity)

First coat, curing	300-400 ft <sup>2</sup> /gal (7.3-9.8 m <sup>2</sup> /L)
Second coat, sealing	400-500 ft <sup>2</sup> /gal (9.8-12.2 m <sup>2</sup> /L)
Stamped and patterned concrete	300 ft <sup>2</sup> /gal (7.3 m <sup>2</sup> /L)
Exposed aggregate	200 ft <sup>2</sup> /gal (4.9 m <sup>2</sup> /L)

**L&M LUMISEAL PLUS™**

Refer to Data Sheet 172.6  
8-13-307-1045 / 8-13-307-1044 / 8-13-307-1043



A solvent based, non-yellowing, blush resistant curing and sealing compound. When used as a sealer, is designed to provide an attractive high gloss finish on concrete substrates.

May be subject to Volatile Organic Compound sales restrictions at the state, county and/or city level. Please see TDS 280 at [www.laticrete.com](http://www.laticrete.com) for further guidance.

**FEATURES/BENEFITS:**

- Excellent curing and sealing properties
- Enhances the look of colored, stamped concrete
- Excellent for exposed, decorative concrete
- Clear, high gloss finish

**PACKAGING:**

- 1 gal (3.8 L)
- 5 gal (19 L)
- 55 gal (208 L)

**APPROXIMATE COVERAGE**

Surface porosity determines coverage rate.  
For best results:

First coat, curing	200-400 ft <sup>2</sup> /gal (4.8-9.8 m <sup>2</sup> /L)
Decorative concrete	300 ft <sup>2</sup> /gal (7.3 m <sup>2</sup> /L)
Second coat, gloss	400-600 ft <sup>2</sup> /gal (9.8-14.7 m <sup>2</sup> /L)

**L&M DRESS & SEAL WB™**

Refer to Data Sheet 173.1  
8-13-305-1035 / 8-13-305-1036 / 8-13-305-1037



A water-based, acrylic copolymer solution that cures, seals and dustproofs concrete without yellowing.

May be subject to Volatile Organic Compound sales restrictions at the state, county and/or city level. Please see TDS 280 at [www.laticrete.com](http://www.laticrete.com) for further guidance.

**FEATURES/BENEFITS:**

- Water-based formulation that protects sound concrete from dusting when used as directed
- Easy to spray formula
- Excellent curing and sealing properties
- Enhances the look of colored, stamped concrete

**PACKAGING:**

5 gal (18.9 L)  
55 gal (208 L)

**L&M DRESS & SEAL WB 25™**

Refer to Data Sheet 173.2  
8-13-323-1529 / 8-13-323-1528



A water-based, 25% solids acrylic copolymer solution that cures, seals and dustproofs concrete.

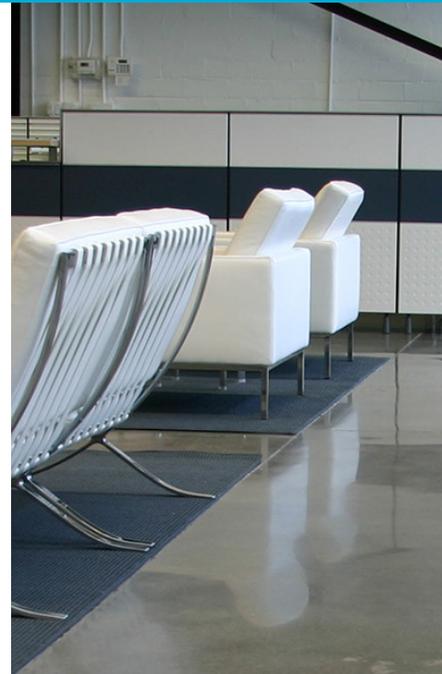
May be subject to Volatile Organic Compound sales restrictions at the state, county and/or city level. Please see TDS 280 at [www.laticrete.com](http://www.laticrete.com) for further guidance.

**FEATURES/BENEFITS:**

- Water-based formulation that protects sound concrete from dusting when used as directed
- Easy to spray formula
- Excellent curing and sealing properties
- Enhances the look of colored, stamped concrete

**PACKAGING:**

5 gal (19 L)  
55 gal (209 L)



**APPROXIMATE COVERAGE**

Typical Coverage Rates  
(depending on texture and porosity)

First coat, curing      200-400 ft<sup>2</sup>/gal (4.8-9.8 m<sup>2</sup>/L)

Second coat, sealing      400-600 ft<sup>2</sup>/gal (9.8-14.7 m<sup>2</sup>/L)

**APPROXIMATE COVERAGE**

Surface porosity determines coverage rate.  
For best results:

First coat, curing      300-400 ft<sup>2</sup>/gal (7.3-9.8 m<sup>2</sup>/L)

Second coat, sealing      400-600 ft<sup>2</sup>/gal (9.8-14.6 m<sup>2</sup>/L)



**L&M™ DRESS & SEAL WB 30™**

Refer to Data Sheet 173.4  
8-13-303-1028 / 8-13-303-1030



A water-based, high solids acrylic copolymer solution that cures, seals and dustproofs concrete.

May be subject to Volatile Organic Compound sales restrictions at the state, county and/or city level. Please see TDS 280 at [www.laticrete.com](http://www.laticrete.com) for further guidance.

**FEATURES/BENEFITS:**

- Water-based formulation that protects sound concrete from dusting when used as directed
- Easy to spray formula
- Excellent curing and sealing properties
- Enhances the look of colored, stamped concrete

**PACKAGING:**

5 gal (19 L)  
55 gal (209 L)

**APPROXIMATE COVERAGE**

Typical Coverage Rates  
(depending on texture and porosity)

First coat, curing 200-400 ft<sup>2</sup>/gal (4.9-9.8 m<sup>2</sup>/L)

Second coat, sealing 400-600 ft<sup>2</sup>/gal (9.8-14.6 m<sup>2</sup>/L)

**L&M LUMISEAL FX™**

Refer to Data Sheet 172.5  
8-13-331-1909 / 8-13-331-1908 / 8-13-331-1903



A high solids, water-based, non-yellowing, bluish resistant curing and sealing compound. When used as a sealer, LUMISEAL FX™ is designed to provide an attractive medium gloss finish on concrete substrates.

**FEATURES/BENEFITS:**

- Easy to apply
- Low odor
- Excellent curing and sealing properties
- May be used indoors or outdoors
- May be used on FGS PERMASHINE polished concrete
- Compatible with previously sealed concrete
- Low VOC

**PACKAGING:**

1 gal (3.8 L)  
5 gal (19 L)  
55 gal (208 L)

**APPROXIMATE COVERAGE**

Typical Coverage Rates  
(depending on texture and porosity)

First coat, curing 200-400 ft<sup>2</sup>/gal (4.8-9.8 m<sup>2</sup>/L)

Decorative concrete 300 ft<sup>2</sup>/gal (7.3 m<sup>2</sup>/L)

Second coat, gloss 400-600 ft<sup>2</sup>/gal (9.8-14.7 m<sup>2</sup>/L)

Top coat for polished concrete: 800-1,000 ft<sup>2</sup> /gal (20 to 25 m<sup>2</sup>/liter)

**L&M AQUAPEL™**

Refer to Data Sheet 173.6  
8-28-551-1211 / 8-28-551-1214  
8-28-551-1210 / 8-28-551-1216



A new generation, 100% reactive, waterborne silane-siloxane sealer.

**FEATURES/BENEFITS:**

- Easy to apply
- Protects against salt and water intrusion
- Improves the life of concrete
- Prevents pop-outs, pitting, scaling, and spalling
- Low VOC

**PACKAGING:**

1 gal (3.8 L)  
5 gal (18.9 L)  
55 gal (208 L)

**L&M AQUAPEL PLUS™**

Refer to Data Sheet 173.5  
8-28-553-1219 / 8-28-553-1218



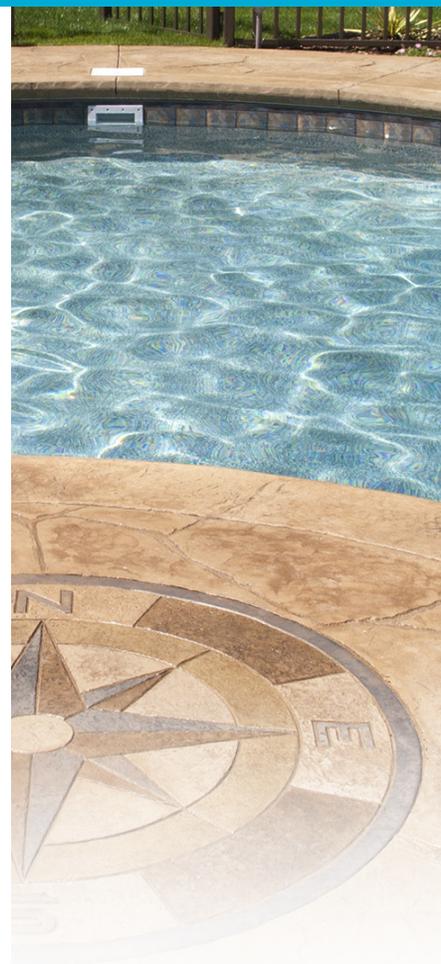
A sealer designed for increased long-term protection on porous concrete, elevated structural traffic bearing concrete slabs, and on normal concrete with severe exposure to salt and water.

**FEATURES/BENEFITS:**

- Easy to apply, high solids formulation
- Protects against salt and water intrusion
- Use on horizontal or vertical surfaces
- Improves the life of concrete
- Prevents pop-outs, pitting, scaling, and spalling
- Low VOC

**PACKAGING:**

5 gal (18.9 L)  
55 gal (208 L)



**APPROXIMATE COVERAGE**

Additional coats may be necessary under certain porous conditions. Typical coverage rates, depending upon substrate porosity and anticipated conditions are:

Brick	100-125 ft <sup>2</sup> /gal (2.4-3.1 m <sup>2</sup> /L)
Porous surfaces	125-150 ft <sup>2</sup> /gal (3.1-3.7 m <sup>2</sup> /L)
Broom finish	125-175 ft <sup>2</sup> /gal (3.1-4.3 m <sup>2</sup> /L)
Smooth concrete	150-200 ft <sup>2</sup> /gal (3.7-4.9 m <sup>2</sup> /L)
Densified concrete	200-300 ft <sup>2</sup> /gal (4.9-7.3 m <sup>2</sup> /L)

**APPROXIMATE COVERAGE**

Additional coats may be necessary under certain porous conditions. Typical coverage rates, depending upon substrate porosity and anticipated conditions are:

Cinder block, brick	60-80 ft <sup>2</sup> /gal (1.5-2.0 m <sup>2</sup> /L)
Porous surfaces	125-150 ft <sup>2</sup> /gal (3.1-3.7 m <sup>2</sup> /L)
Broom finish	125-175 ft <sup>2</sup> /gal (3.1-4.3 m <sup>2</sup> /L)
Smooth concrete	150-200 ft <sup>2</sup> /gal (3.7-4.9 m <sup>2</sup> /L)
Densified concrete	200-300 ft <sup>2</sup> /gal (4.9-7.4 m <sup>2</sup> /L)



**L&M™ FGS HARDENER PLUS™**

Refer to Data Sheet 174.9  
8-04-155-1535 / 8-04-155-1534



A proprietary, chemical hardening solution that is formulated to increase the wear resistance and surface strength of concrete floors that have been mechanically ground, smoothed, and polished.

**FEATURES/BENEFITS:**

- Low VOC and low odor
- Certified "High Traction" by NFSI
- Easy to apply and fast drying
- Increases abrasion and impact resistance
- 10 year warranty against dusting

**PACKAGING:**

5 gal (18.9 L)  
55 gal (208 L)

**APPROXIMATE COVERAGE**

Two coats required: First coat, curing  
250 ft<sup>2</sup>/gal (6.1 m<sup>2</sup>/L)  
-----  
Second coat, gloss 350 ft<sup>2</sup>/gal (8.6 m<sup>2</sup>/L)

**L&M FGS CONCRETE CONDITIONER™**

Refer to Data Sheet 177.1  
8-07-208-1632 / 8-07-208-1605 / 8-07-208-1617



A proprietary concrete cleaner and conditioner designed for on-going maintenance of hardened polished concrete surfaces.

**FEATURES/BENEFITS:**

- Concentrated, easy to apply
- Environmentally safe
- Certified "High Traction" by NFSI
- NSF authorized
- Revitalizes polished concrete floors

**PACKAGING:**

1 gal (3.8 L)  
5 gal (19 L)  
55 gal (208 L)

**APPROXIMATE COVERAGE**

Typical coverage rates, depending upon substrate porosity and anticipated conditions are:  
1,000 ft<sup>2</sup>/gal (24.4 m<sup>2</sup>/L)



**L&M PERMAGUARD SPS™**

Refer to Data Sheet 177.7  
8-34-664-2030 / 8-34-664-2029



A low odor, topical sealer that protects concrete and natural stone floor surfaces from staining, defacing and deterioration.

**FEATURES/BENEFITS:**

- Easy to apply
- Safe
- Compatible with previously hardened and densified concrete floors
- Protects surfaces against staining

**PACKAGING:**

1 gal (3.8 L)  
5 gal (19 L)

**L&M PETROTEX™**

Refer to Data Sheet 174.5  
8-34-660-1663 / 8-34-660-1662



A ready-to-use, quick-drying, multifunctional, water-based oil and water repellent for concrete and stone surfaces.

**FEATURES/BENEFITS:**

- Easy to apply
- Safe
- Indoor or outdoor use

**PACKAGING:**

1 gal (3.8 L)  
5 gal (19 L)  
55 gal (208 L)



**APPROXIMATE COVERAGE**

Typical coverage rates, depending upon substrate porosity and anticipated conditions are:

Concrete	800-1,500 ft <sup>2</sup> /gal (19.5-36.6 m <sup>2</sup> /L)
Stone	1,000-1,500 ft <sup>2</sup> /gal (24.4-36.6 m <sup>2</sup> /L)

**APPROXIMATE COVERAGE**

Additional coats may be necessary under certain porous conditions. Typical coverage rates, depending upon substrate porosity and anticipated conditions are:

Porous and broomed surfaces	200-300 ft <sup>2</sup> /gal (4.9-7.4 m <sup>2</sup> /L)
Smooth or medium troweled	300-400 ft <sup>2</sup> /gal (7.4-9.8 m <sup>2</sup> /L)
Densified hard, troweled, polished	400-800 ft <sup>2</sup> /gal (9.8-19.6 m <sup>2</sup> /L)



**L&M™ VIVID DYE™**

Refer to Data Sheet 177.3



A translucent, decorative concrete dye designed to penetrate and color any cementitious surface. Ideal for use in L&M™ FGS Permashine polished concrete as a base color or touch up color.

**FEATURES/BENEFITS:**

- 22 standard colors available
- Easy to apply and fast drying
- Mix with acetone
- Custom colors available

**PACKAGING:**

Available in 8 oz plastic bottles, mixes with 1 gallon of acetone.  
 8 oz (0.2 L) Plastic Bottle, Mixes to 1 gal  
 32 oz (0.9 L) Plastic Bottle, Mixes to 5 gal

**APPROXIMATE COVERAGE**

L&M™ VIVID DYE™ coverage rates will vary significantly from floor to floor based on the roughness or texture of the concrete, porosity and the mix design.

400 ft<sup>2</sup> per coat, per gallon (9.8 m<sup>2</sup>/L)

**L&M VIVID DYE WB PLUS™**

Refer to Data Sheet 177.4



A water-based, translucent dye for concrete surfaces. It is formulated using extremely fine molecules of color designed to penetrate and color any cementitious surface. L&M VIVID DYE WB PLUS™ was created for use with the L&M FGS PERMASHINE® polished concrete floor system, and can be used as a base color or touch-up color for acid stained concrete or as a coloring agent.

**FEATURES/BENEFITS:**

- 22 standard colors available
- Easy to apply and fast drying
- Custom colors available

**PACKAGING:**

Available in 8 oz plastic bottles, mixes with 1 gallon of water.  
 8 oz (237 mL) Plastic Bottle  
 32 oz (946 mL) Plastic Bottle

**APPROXIMATE COVERAGE**

L&M VIVID DYE WB PLUS™ coverage rates will vary significantly from floor to floor based on the roughness or texture of the concrete, porosity and mix design.

First coat      400 ft<sup>2</sup> per coat, per gallon (9.8 m<sup>2</sup>/L)

Second coat      600 ft<sup>2</sup>/gal (14.7 m<sup>2</sup>/L)

**L&M CHEM HARD™**

Refer to Data Sheet 175.0  
8-04-151-1171 / 8-04-151-1169



Chemically reacts with soft free lime and calcium carbonate compounds in concrete to densify and create chemically resistant surfaces.

**FEATURES/BENEFITS:**

- Low VOC and low odor
- Easy to apply
- Economical
- Seals, hardens and densifies concrete surfaces.

**PACKAGING:**

5 gal (18.9 L)  
55 gal (208 L)

**L&M LION HARD™**

Refer to Data Sheet 174.7  
8-04-165-2081 / 8-04-165-2080



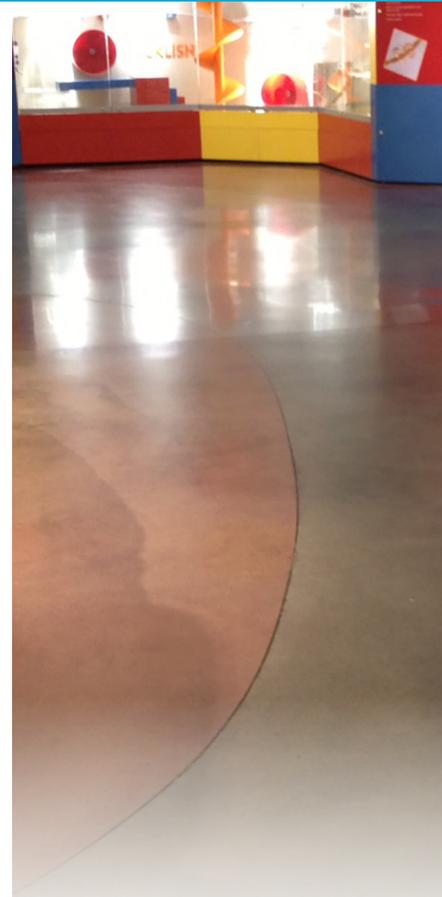
A low VOC, environmentally friendly lithium silicate concrete floor densifier, hardener, and sealer. This product penetrates bare concrete surfaces and transforms them into permanently dust free floors that get better with age.

**FEATURES/BENEFITS:**

- Low VOC and low odor
- Easy to apply
- Environmentally-friendly
- Certified "High Traction" by NFSI
- Seals, hardens and densifies concrete surfaces.
- 10 year warranty against dusting

**PACKAGING:**

5 gal (18.9 L)  
55 gal (208 L)



**APPROXIMATE COVERAGE**

Two coats recommended 300 ft<sup>2</sup>/gal (7.3 m<sup>2</sup>/L)

**APPROXIMATE COVERAGE**

Typical Application Rates: Coverage dependent upon surface texture and porosity. Typical rate is 600-800 ft<sup>2</sup>/gal (14.7-19.6 m<sup>2</sup>) on hard troweled, dense concrete. One coat normally recommended. For best results on porous concrete surfaces, apply second coat after the first coat has dried completely and any dried residue has been removed. Polished concrete: Apply two coats, the first at 400-600 ft<sup>2</sup>/gal (9.8-14.7 m<sup>2</sup>/L) and the second at 600-800 ft<sup>2</sup>/gal (14.7-19.5 m<sup>2</sup>/L) for maximum hardness and surface durability, per instructions.





**L&M™ SEAL HARD™**

Refer to Data Sheet 174.6  
8-04-153-1179 / 8-04-153-1182



Seals, hardens, densifies, and dustproofs concrete surfaces.

**FEATURES/BENEFITS:**

- Low VOC and low odor
- Certified "High Traction" by NFSI
- NSF approved
- Proven, safe, reliable
- 10 year warranty against dusting

**PACKAGING:**

5 gal (18.9 L)  
55 gal (208 L)

**L&M EMERYPLATE FF™**

Refer to Data Sheet 175.4  
9-37-703-1282



A high strength dry shake for industrial concrete floors requiring additional abrasion and chemical resistance. L&M™ EMERYPLATE FF™ consists of 100% pure, scientifically graded polyhedral shaped isostructures of emery/corundum and aluminum oxide for hardness, as well as iron oxide for toughness.

**FEATURES/BENEFITS:**

- "Rust Free" for use on interior or exterior floors
- Outperforms iron oxide aggregates in wear resistance
- Excellent abrasion resistance
- Lowers maintenance costs

**PACKAGING:**

55 lb (25 kg) bag

**APPROXIMATE COVERAGE**

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

Two coats required. Additional coats may be necessary under certain porous conditions. Apply second coat after first coat has completely dried.

Second coat: 300 ft<sup>2</sup>/gal (8.6 m<sup>2</sup>/L)

**APPROXIMATE COVERAGE**

Heavy duty      1.0 lb-1.5 lb/ft<sup>2</sup> (4.9-7.3 kg/m<sup>2</sup>)



**L&M DURATOP HP™**

Refer to Data Sheet 177.6  
9-37-742-2204 /9-37-742-2224



A flowable, natural metamorphic aggregate which produces a highly abrasion and chemical resistant solution for abusive impact and concrete floor wear conditions.

**FEATURES/BENEFITS:**

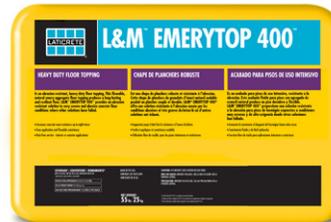
- Flowable hardener topping
- Excellent abrasion resistance
- Large cost savings over iron toppings
- Fast turnaround for weekend shutdowns

**PACKAGING:**

55 lb (25 kg) bag  
3,000 lb (1364 kg) Supersack

**L&M EMERYTOP 400™**

Refer to Data Sheet 177.0  
9-37-702-1279 /9-37-702-1746



An abrasion resistant, heavy duty floor topping. This flowable, natural emery aggregate floor topping produces a long-lasting and resilient floor.

**FEATURES/BENEFITS:**

- Excellent abrasion and chemical resistance
- Extraordinarily tough aggregate
- Chemically enhanced cement paste
- Flowable consistency
- Fast turnaround for weekend shutdowns

**PACKAGING:**

55 lb (25 kg) bag  
3,000 lb (1361 kg) Supersack



**APPROXIMATE COVERAGE**

Nominal Thickness	Approximate Coverage
1" (25 mm)	12 lbs/ft <sup>2</sup> (58.7 kg/m <sup>2</sup> )

**APPROXIMATE COVERAGE**

**Note to Estimator:** Estimate between 5 to 10% extra material for varied substrate textures and profiles and waste. Surface porosity determines coverage rate. For best results:

Nominal Thickness	Approximate Coverage Per 55 lb. (25 kg) Bag	Approximate Coverage Per 3,000 lb. (1,361 kg) Bag
1" (25 mm)	4.4 ft <sup>2</sup> (0.41 m <sup>2</sup> )	240 ft <sup>2</sup> (22.3 m <sup>2</sup> )
2" (50 mm)	2.2 ft <sup>2</sup> (0.20 m <sup>2</sup> )	120 ft <sup>2</sup> (11.15 m <sup>2</sup> )
3" (75 mm)	1.4 ft <sup>2</sup> (0.13 m <sup>2</sup> )	80 ft <sup>2</sup> (7.43 m <sup>2</sup> )



**L&M™ GRIP IT™**

Refer to Data Sheet 175.3  
9-37-707-1296



A natural mineral emery-magnetite non-slip aggregate dry shake hardener.

**FEATURES/BENEFITS:**

- Safe, low slip texture
- Moisture resistant
- Extends the life of concrete slabs

**PACKAGING:**

50 lb (22.7 kg) containers

**APPROXIMATE COVERAGE**

With cement	40 lbs/100 ft <sup>2</sup> (19.5 kg/10m <sup>2</sup> )
Without cement	25 lbs/100 ft <sup>2</sup> (12.2 kg/10m <sup>2</sup> )

**L&M GRIP IT AO™**

Refer to Data Sheet 175.2  
9-37-706-1293



A highly refined, scientifically manufactured mineral aggregate hardener. It contains over 95% pure aluminum oxide, and provides a long lasting abrasion resistance solution.

**FEATURES/BENEFITS:**

- High-grip, aluminum oxide aggregate
- Moisture resistant
- Extends the life of concrete slabs

**PACKAGING:**

50 lb (22.7 kg) containers

**APPROXIMATE COVERAGE**

With cement	40 lbs/100 ft <sup>2</sup> (18 kg/10m <sup>2</sup> )
Without cement	25 lbs/100 ft <sup>2</sup> (12 kg/10m <sup>2</sup> )

**L&M QUARTZPLATE FF™**

Refer to Data Sheet 175.6  
9-37-708-1298



A quartz aggregate, dry shake floor hardener.

**FEATURES/BENEFITS:**

- Hardener topping
- Excellent impact and abrasion resistance
- Highly durable
- Reduces floor maintenance costs

**PACKAGING:**

55 lb (25 kg) multi-walled polyethylene reinforced bags

**L&M TRAP ROCK™**

Refer to Data Sheet 175.7  
9-37-721-1283



A combination of 100% graded trap rock and portland cement. It is a polyhedral shaped, abrasion resistant, non-absorbent aggregate produced from igneous rock.

**FEATURES/BENEFITS:**

- Hardener topping
- Excellent abrasion and impact resistance
- Excellent protection against chemicals
- Fast turnaround for weekend shutdowns

**PACKAGING:**

55 lb (25 kg) multi-walled polyethylene reinforced bags



**APPROXIMATE COVERAGE**

Heavy duty      1.0 lb-1.5 lb/ft<sup>2</sup> (4.9-7.3 kg/m<sup>2</sup>)

**APPROXIMATE COVERAGE**

Heavy duty      1.0 lb-1.5 lb/ft<sup>2</sup> (4.9-7.3 kg/m<sup>2</sup>)



**L&M™ CRYSTEX™**

Refer to Data Sheet 176.1  
9-19-401-1157



A ready-mixed, high strength, highly fluid, controlled expansion grout with superior dynamic load stability. L&M™ CRYSTEX™ contains a balanced blend of ingredients, which controls positive expansion in all directions.

**FEATURES/BENEFITS:**

- Extended work time; easy placement
- Precision, high strength
- Dynamic load stability

**PACKAGING:**

55 lb (25 kg) bag

**APPROXIMATE COVERAGE**

One bag yields approximately 0.5 ft<sup>3</sup> (13.5 L)

**L&M DURAGROUT™**

Refer to Data Sheet 176.8  
9-19-403-1160



A ready-mixed, non-shrink, non-metallic, flowable, high-strength structural grout.

**FEATURES/BENEFITS:**

- High strength
- Can be mixed at varying range of consistencies
- Easy to place

**PACKAGING:**

55 lb (22.7 kg) bag

**APPROXIMATE COVERAGE**

One bag yields approximately 0.4 ft<sup>3</sup> (12.5 L)

**L&M EPOGROUT 758™**

Refer to Data Sheet 176.9  
9-19-410-1165



A three-component, flowable, epoxy-based grout that produces high performance strength and chemical inertness. L&M EPOGROUT 758™ is scientifically formulated with a high aggregate to resin ratio to provide high strength while allowing easy flowable placement.

**FEATURES/BENEFITS:**

- Easy to place
- Fast cure, high early strengths
- Fast turnaround projects
- High compressive strength

**PACKAGING:**

63.5 lb (28.8 kg) Single Unit  
6.9 lb (3.1 kg) pail Resin (A)  
1.6 lb (0.7 kg) pail Hardener (B)  
55 lb (25 kg) bag Aggregate

**L&M DURACRETE™**

Refer to Data Sheet 174.4  
9-31-622-1574 / 9-31-622-1564



Is a single component, polymer-reinforced, high-strength, cement-based patching and resurfacing mortar. L&M DURACRETE™ is designed to repair, slope, and level structurally sound interior and exterior concrete surfaces that are pitted, worn, scaled or spalled.

**FEATURES/BENEFITS:**

- Excellent abrasion resistance
- Excellent bond strength
- May be mixed with coarse aggregate
- Long lasting concrete repairs
- Versatile indoor and outdoor use

**PACKAGING:**

50 lb (22.7 kg) plastic pail  
50 lb (22.7 kg) bag



**APPROXIMATE COVERAGE**

One bag yields approximately 0.5 ft<sup>3</sup> (0.01 m<sup>3</sup>)

**APPROXIMATE COVERAGE**

Nominal Thickness	Approximate Coverage
1/8" (3 mm)	42 ft <sup>2</sup> (3.9 m <sup>2</sup> )
1/4" (6 mm)	21 ft <sup>2</sup> (2.0 m <sup>2</sup> )
1/2" (12 mm)	11 ft <sup>2</sup> (1.0 m <sup>2</sup> )
1" (25 mm)	5.2 ft <sup>2</sup> (0.5 m <sup>2</sup> )
2" (50 mm)	2.6 ft <sup>2</sup> (0.2 m <sup>2</sup> )
3" (76 mm)	1.7 ft <sup>2</sup> (0.2 m <sup>2</sup> )
Slurry coat	50 ft <sup>2</sup> (4.6 m <sup>2</sup> )

**L&M™ CITREX™**

Refer to Data Sheet 176.6  
8-07-201-1103 / 8-07-201-1105 / 8-07-201-1104



A heavy duty, citrus based degreaser and cleaner for both specialized cleaning and every day maintenance. L&M™ CITREX™ is concentrated to maintain high activity at various dilutions with water to effectively remove accumulations of built-up grease, grime, oil and rubber burns.

**FEATURES/BENEFITS:**

- Easily removes oil and grease from concrete
- Pleasant citrus smell
- Easy to apply

**PACKAGING:**

- 1 gal (3.8 L)
- 5 gal (18.9 L)
- 55 gal (208.2 L)

**APPROXIMATE COVERAGE**

Stripping agent	200 ft <sup>2</sup> /gal (4.9 m <sup>2</sup> /L)
Cleaning agent	150 ft <sup>2</sup> /gal (3.7 m <sup>2</sup> /L) (Diluted)

**L&M E-CON™**

Refer to Data Sheet 172.9  
8-22-454-2100 / 8-22-451-1204 / 8-22-451-1205  
8-22-451-1202 / 8-22-451-1206



A concentrated, odorless, water-based polymer liquid that, when placed on fresh concrete, helps to control the rate of evaporation and extend workability. L&M E-CON™ is ideal for achieving superior quality flatwork in challenging conditions such as high and low temperatures, low humidity, high winds, and direct sunlight.

**FEATURES/BENEFITS:**

- Low VOC/no odor
- Easy application
- Prevents surface crusting
- Reduces plastic shrinkage cracks

**PACKAGING:**

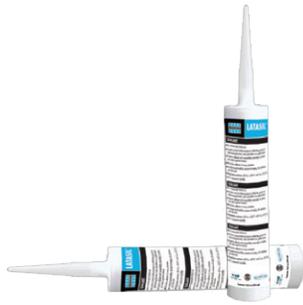
- 1 Qt (1 L)
- 1 gal (3.8 L)
- 5 gal (18.9 L)
- 55 gal (208 L)
- 275 gal (1040 L)

**APPROXIMATE COVERAGE**

200-400 ft<sup>2</sup>/gal (4.9-9.8 m<sup>2</sup>/L) after dilution

**LATASIL™**

Refer to Data Sheet 6200.1  
62XX-0120-2



A high performance, one component, neutral cure, 100% silicone sealant designed for ceramic tile and stone applications.

**FEATURES/BENEFITS:**

- 100% silicone sealant
- Versatile material used in cracks, coves, and vertical applications
- Excellent bond strength

**PACKAGING:**

Available in 10.3 oz (305 ml) cartridges; 6 tubes per carton.

**L&M EVERBOND™**

Refer to Data Sheet 176.2  
8-01-102-1003 / 8-01-102-1007 / 8-01-102-1005



A versatile acrylic polymer emulsion that can be used either as a bonding adhesive or as an admixture that enhances portland cement-based mixes, giving these mixes improved flexural, tensile and bond strength.

**FEATURES/BENEFITS:**

- Excellent bond strength
- Versatile bonding agent
- Excellent freeze/thaw resistance
- Excellent flexural strength

**PACKAGING:**

- 1 gal (3.8 L)
- 5 gal (18.9 L)
- 55 gal (208 L)



**APPROXIMATE COVERAGE**

Coverage will vary depending upon joint size and width.

Approximately 11 lineal feet (3.35 m) per tube at 3/8" by 3/8" (9 mm x 9 mm) joint width.

Approximately 25 lineal feet (7.62 m) per tube at 1/4" by 1/4" (6 mm x 6 mm) joint width.

**APPROXIMATE COVERAGE**

Roughened concrete 200-300 ft<sup>2</sup>/gal (4.9-7.4 m<sup>2</sup>/L)

Plaster or smooth concrete 300-400 ft<sup>2</sup>/gal (7.4-9.8 m<sup>2</sup>/L)



**L&M™ JOINT TITE 750™**

Refer to Data Sheet 176.5  
7-40-752-1474 / 7-40-752-1475 / 7-40-752-1472



**FEATURES/BENEFITS:**

- Rapid cure
- Accepts dye
- Excellent shore hardness
- Versatile material used in concrete cracks, joints, and spalls

**PACKAGING**

The L&M™ JOINT TITE 750™ system consists of two component units packaged as follows: 10 gal (37.9 L) Unit: 5 gal (18.9 L) of “A” side and 5 gal. (18.9 L) of “B” side. Also available in a 20 oz (600 ml) dual cartridges with static mixing nozzle.

L&M JOINT TITE 750 is a self-leveling, 100% solid, two component, rapid curing, polyurea control joint and crack filler designed to fill interior random cracks, damaged control joints, saw cut control joints, and construction joints in industrial concrete floors. It is made specifically for commercial, retail, and manufacturing floor applications which receive high volume vehicle traffic, such as fork lifts or hard rubber wheel carts.

**APPROXIMATE COVERAGE** Linear Feet (Meters) per 600 ml cartridge

JOINT DEPTH	JOINT OPENING/WIDTH					
	1/8" (3 mm)	1/4" (6.3 mm)	3/8" (9.5 mm)	1/2" (12 mm)	3/4" (19 mm)	1" (25.4 mm)
1/2" (12 mm)	48" (14.6 mm)	24" (7.3 mm)	16" (4.8 mm)	12" (3.6 mm)	8" (2.4 mm)	6" (1.8 mm)
3/4" (19 mm)	32" (9.7 mm)	16" (4.8 mm)	10.7" (3.2 mm)	8" (2.4 mm)	5.3" (1.6 mm)	4" (1.2 mm)
1" (25 mm)	24" (7.3 mm)	12" (3.6 mm)	8" (2.4 mm)	6" (1.8 mm)	4" (1.2 mm)	3" (0.9 mm)
1-1/4" (32 mm)	19" (5.8 mm)	9.6" (3.0 mm)	6.4" (2 mm)	4.8" (1.4 mm)	3.2" (0.9 mm)	2.4" (0.7 mm)
1-1/2" (38 mm)	16" (4.8 mm)	8" (2.4 mm)	5.3" (1.6 mm)	4" (1.2 mm)	2.7" (0.8 mm)	2" (0.6 mm)
1-3/4" (44 mm)	13.7" (4.1 mm)	6.9" (2.1 mm)	4.6" (1.4 mm)	3.4" (1.0 mm)	2.3" (0.7 mm)	1.7" (0.5 mm)
2" (51 mm)	12" (3.6 mm)	6" (1.8 mm)	4" (1.2 mm)	3" (0.9 mm)	2" (0.6 mm)	1.5" (0.4 mm)

Note: Does not figure in waste for overfill.

**APPROXIMATE COVERAGE** Linear Feet (Meters) per gallon

JOINT DEPTH	JOINT OPENING/WIDTH			
	1/8" (3 mm)	3/16" (4.7 mm)	1/4" (6.3 mm)	3/8" (9.5 mm)
3/4" (19 mm)	200" (60.9 mm)	135" (41.1 mm)	100" (30.5 mm)	70" (21.3 mm)
1" (25 mm)	150" (45.7 mm)	100" (30.5 mm)	80" (24.4 mm)	50" (15.2 mm)
1-1/2" (38 mm)	100" (30.5 mm)	70" (21.3 mm)	50" (15.2 mm)	34" (10.4 mm)
2" (51 mm)	75" (22.9 mm)	50" (15.2 mm)	40" (12.2 mm)	25" (7.6 mm)

Note: Does not figure in waste for overfill.





LATICRETE International, Inc. ■ One LATICRETE Park North, Bethany, CT 06524-3423 USA ■ 1.800.243.4788 ■ +1.203.393.0010 ■ [www.laticrete.com](http://www.laticrete.com)

DS-082.2-0519 ©2019 LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.