

## LUMISEAL PLUS™

Non-yellowing, Pure Acrylic Curing and Sealing Compound

### MANUFACTURER

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### PRODUCT DESCRIPTION

LUMISEAL PLUS is a non-yellowing, high performance acrylic curing and sealing compound designed to provide high gloss sealing qualities that are totally resistant to yellowing from ultraviolet exposure. LUMISEAL PLUS is formulated in a standard high solids formulation and is suitable for use on both interior and exterior surfaces.

The tough, impervious film of LUMISEAL PLUS has excellent bonding characteristics, forming a continuous glossy, non-yellowing membrane that assures high water retention and excellent resistance to dirt penetration and other staining.

LUMISEAL PLUS is designed for interior and exterior architectural concrete where non-yellowing performance is demanded. Ideal for sealing stamped and patterned colored concrete installations and exposed aggregate surfaces.

**Basic Use:** This state-of-the-art compound is designed to cure and seal newly placed concrete surfaces as well as seal colored stamped and patterned concrete, driveways, walk ways, exposed aggregate, precast, block and other surfaces where a high gloss, non-yellowing sealer is required. Suitable for commercial and industrial applications, such as, office buildings and other areas where positive sealing and dustproof performance is demanded. Ideal for exposed aggregate panels for high gloss, wet appearance. It is compatible with most adhesives for resilient floorings or carpeting after a suitable curing period.

### FEATURES & BENEFITS

- *Non-yellowing; pure acrylic formulation.*
- *Excellent curing and sealing properties.*
- *Enhances the look of colored, stamped concrete.*
- *Excellent for exposed concrete.*  
*Clear, High gloss finish.*

### ESTIMATING

#### Typical coverages rates:

(depending on texture and porosity)

First coat, curing - 300-400 ft<sup>2</sup>/gal  
(7.5 to 10 m<sup>2</sup>/liter)

Second coat, gloss - 400-600 ft<sup>2</sup>/gal (10 to 15 m<sup>2</sup>/liter)

Stamped concrete - 300 ft<sup>2</sup>/gallon (7.5 m<sup>2</sup>/liter)

Exposed aggregate - 200-300 ft<sup>2</sup>/gallon  
(5 to 7.5 m<sup>2</sup>/liter)

### TECHNICAL DATA

#### Applicable Standards:

ASTM C 309 Type 1  
ASTM C 1315 Type 1, Class A  
USDA Accepted

#### Typical Properties:

Total Solids, % Minimum.....25  
Unit Moisture Loss, ASTM C 309,  
(kg/m<sup>2</sup>@ 72 hrs), ASTM C 1315 .....< 0.4  
Alkali Resistance (hours), minimum.....Over 50  
Weathering days .....Over 28  
Dry Time, set to touch, minutes .....60  
Open to Traffic .....4-12 hours  
Salt Spray 5% Resistance, hours. ....Over 750  
Gloss .....High  
Ultraviolet Resistance  
(2500 angstrom lamp), 1000 hrs.....Excellent  
VOC, gms/liter .....645

### INSTALLATION

**Surface Preparation:** Fresh concrete surfaces are ready to receive the sealer after surface water glaze disappears. Old concrete must be free of oil, dirt, waxes or other foreign materials.

**Fresh concrete:** Apply with low pressure sprayer, roller, or applicator after surface water glaze has disappeared. Do not dilute or puddle. Apply two uniform coats directly from container. Allow 4 to 6 hours between coats.

**Old or new hardened concrete:** Degrease and clean surfaces of all contaminants with L&M CITREX. Flush off with water. Apply two uniform coats without puddling. Allow 6 to 8 hours between coats.

**Clean Up:** Clean applicator equipment with xylol or other solvent before sealer dries.

**LUMISEAL PLUS**

## FOR BEST RESULTS:

- Not to be applied over standing water or over bituminous asphalt or resilient tiles.
- Do not use in areas that require resistance to solvents, such as gasoline, diesel fuel or paint thinners.
- **LUMISEAL PLUS** film will oxidize and wear upon exposure to normal traffic, sunlight and weather. Periodic light applications are recommended to maintain gloss and protection.
- Apply to clean surfaces that allow penetration.
- Do not apply or store in subfreezing weather unless properly protected.
- If a waterproof membrane or rising dampness underlies the concrete floor, some discoloring may appear under the membrane and will be apparent for months due to the slow release of the water in the concrete.

## PRECAUTIONS

Contains aromatic solvents. Use with proper ventilation and respiratory equipment in confined areas. Do not apply when people are present in surrounding areas or near air circulation intake vents. Wear protective gloves and goggles. Remove foodstuffs from application area prior to installation. Replace foods and re-open to people after area is odor free.

**COMBUSTIBLE:** Keep away from heat or open flame.

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

## STORAGE/SHELF LIFE

LUMISEAL PLUS containers are to be kept tightly closed and stored in a dry, cool area. Shelf life is a minimum of two years 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](http://www.lmcc.com) and follow the easy steps. L&M is ready to respond to your concrete information needs - anytime -

anywhere!

## SHORT SPEC

033000: High solids, acrylic curing compound: Minimum 25% non-yellowing, acrylic solids curing compound; conforms to ASTM C 309 and ASTM C 1315, Type I, Class A. "**LUMISEAL PLUS**" 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.**

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