

## VIVID CONCRETE DYE™

Translucent Decorative Concrete Dye

### MANUFACTURER

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### PRODUCT DESCRIPTION

L&M Vivid Concrete Dye is formulated using extremely fine molecules of color designed to penetrate and color any cementitious surface. Vivid Concrete Dye was created for use with FGS PermaShine polished concrete floor system, but can be used as a base color or touch up for acid stained concrete or as a coloring agent itself. Always apply the dye in a sample area first in order to confirm desired color.

**Basic Use:** L&M Vivid Concrete Dye is packaged and shipped in dry powder form to be mixed with acetone by the contractor.

L&M Vivid Dye is currently being supplied in 24 standard colors. Custom colors are available. L&M Vivid Concrete Dye colors can be combined to create an unlimited number of color variations. When applied properly L&M Vivid Concrete Dye gives wonderful color to polished concrete floors. Anytime that L&M Vivid Concrete Dye is used in a process other than polished concrete PERMAGUARD SPS is required. It brightens the color and retards color loss overtime. FGS HARDENER PLUS or LiON HARD are to be used to lock in the color on the polished concrete. Follow with PERMAGUARD SPS to intensify the colors and minimize UV fade.

### FEATURES & BENEFITS

- Extensive selection of vibrant colors
- Extremely easy to apply, Fast drying.
- Perfect for FGS PermaShine Polished Concrete Floors.
- Can be used in conjunction with acid stained floors as a base color or as touch up color.
- Formulated to be applied to any cementitious surface.
- Packaged in dry form for easy and safe shipping and storage.

### ESTIMATING

L&M Vivid Concrete Dye coverage rates will vary significantly from floor to floor based on the roughness or texture of the concrete, porosity and the mix design. Expect approximately 400 square feet per coat per gallon.

### INSTALLATION

**Mixing:** L&M Vivid Concrete Dye is packaged in powder form in either 1 gallon or 5 gallon increments and needs to be mixed with a corresponding amount of acetone. Empty the dye powder into the special container of acetone and shake vigorously for 30 seconds.

**Allow mixture to set for a minimum of 3 hours before use to allow colors to blend.**

Prior to application shake again for approximately 30 seconds to insure blending of dye and acetone.

**FGS PermaShine Floors:** Always apply L&M Vivid Concrete Dye in a small test area to confirm color. When used on an FGS polish concrete process, L&M Vivid Concrete Dye may be applied at any grit texture above 400 grit. The dye normally penetrates well at the 400 grit level and a very light coat may be applied again after polishing at the 800 or 1500 grit level.

After the final polishing pass, apply two coats of FGS Hardener Plus after concrete is dyed and polished. During first cleaning expect a small amount of residual dye to come off of the concrete.

**Cleaning:** Minimal cleaning is required. Residual dye that did not penetrate the concrete will remain on the surface of the concrete. The quickest way to remove dye residue is with non-sanded floor sweep and a dust mop. This is effective if the applicator does not apply an excessive amount of dye. If a heavier amount of dye is applied, the applicator may need to mop the floor with water and use a shop vacuum to remove any remaining water or use a buffer with white pad and water.

Over spray and tip design can lead to wasted dye. L&M Vivid Concrete Dye is being sprayed too heavily if puddles are present.

**Stain Protections:** Apply L&M PERMAGUARD SPS for extra protection from contaminants.

#### Associated Products:

Preparation: L&M Citrex  
Sealer: FGS Hardener Plus

Stain Protection L&M Permaguard SPS

### PRECAUTIONS/LIMITATIONS

*To minimize loss of color intensity, avoid exposure to direct UV rays.*

**Danger:** When mixed with acetone, L&M Vivid Concrete Dyes are highly flammable and vapors are harmful to the applicator's health. Great care should be taken when using the product after it has been mixed with

acetone! Make sure rooms are properly ventilated. Open windows and use fans to achieve adequate air movement. Non-explosive exhaust devices may be required in areas with poor ventilation. Make absolutely certain no source of open flame is present. Pilot lights, heaters, cigarettes and electric tools should not be used or turned on until all vapors have dissipated. Always wear a carbon filter respirator, eye protection, and chemical resistant gloves when using **L&M Vivid Concrete Dye** when mixed with acetone solvent. Devices are available to measure acetone vapors.

## **TECHNICAL SERVICES**

L&M recommends that the user request the service of the local representative for a pre-job conference to carefully plan each step of the installation. To the extent that job site services are provided, such services are in the nature of technical recommendations only and will not include supervision or quality control of application procedures or engineering details.

## **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!

## **LIMITED WARRANTY**

*The manufacture guarantees that the product will be of consistent color and mixture when received. The manufacturer has no control over the use of this product: therefore, no warranty, expressed or implied, is or can be made to either the affects or results of such use. In any case, the sellers and manufacturer's obligation under this warranty shall be limited to refunding the purchase price or replacing material proven defective.*

## **SHORT SPEC**

097650: Special flooring: Solvent borne dye. To be applied by trained installers. Observe all safety precautions. Limited warranty. Two coat application. "L&M Vivid Dye" by L&M Construction Chemicals, Inc. Omaha, NE. Color to be selected by Owner's representative.

Related Spec Sections:

033600 Special Concrete Finishes

039300 Concrete Rehabilitation

**For Professional Use Only.**

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