

## VIVID DYE WB PLUS™

Translucent Decorative Dye for Concrete

### MANUFACTURER

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### PRODUCT DESCRIPTION

VIVID DYE WB PLUS is formulated using extremely fine molecules of color designed to penetrate and color any cementitious surface. VIVID DYE WB PLUS 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.

**Basic Use:** VIVID DYE WB PLUS is available in 22 translucent colors. Custom colors are available. VIVID DYE WB PLUS colors can be combined to create an unlimited number of color variations. When applied properly VIVID DYE WB PLUS gives wonderful color to polished concrete floors.

Anytime that VIVID DYE WB PLUS is used in a process other than polished concrete, a topcoat sealer is required. When used on polished concrete, the application of FGS Hardener Plus or LiON HARD will help lock in and preserve the color of VIVID DYE WB PLUS.

### FEATURES & BENEFITS

- Extensive selection of vibrant colors
- Easy to apply. No odor. Low VOC.
- Recommended for FGS PermaShine Polished Concrete Floors, or may be used with other L&M Sealers.
- Formulated to be applied to any cementitious surface.
- Packaged as a liquid concentrate for easy and safe shipping and storage.

### ESTIMATING

VIVID DYE WB PLUS is packaged and shipped as a liquid concentrate to be mixed with clean potable water by the contractor. VIVID DYE WB PLUS coverage rates may vary due to texture, porosity and the mix design.

Typical coverage rate,

First coat 400 sq. ft./gal

Second coat 600 sq. ft./gal

Two or more applications are recommended to achieve greater depth and uniformity of coverage.

### INSTALLATION

**Mixing:** VIVID DYE WB PLUS is packaged in liquid concentrate form in either 1 gallon or 5 gallon increments and is to be mixed with enough potable water to create finished 1 gallon or 5 gallon containers of dye. After emptying the dye into the water, shake container for 1 minute to thoroughly mix contents together.

### APPLICATION

**First Coat:** Establish your grinding level starting point, then grind the floor up through the 200-grit level prior to the first dye application. Use a hand pump sprayer with a fine mist, cone shaped sprayer nozzle. Apply the dye in a consistent, overlapping circular motion, holding the wand approximately 12-18 inches above the surface. Mop out any excess dye application to minimize potential spotting due to puddling. Following the initial dye application, wait until the dye has dried, which depending on floor tightness, heat and humidity may take between 10 and 50 minutes.

Over spray and tip design can lead to wasted dye. VIVID DYE WB PLUS is being sprayed too heavily if puddles are present. After drying, scrub the floor with water and a brush or white pad, removing the VIVID DYE WB PLUS residue in the process. Excess dye residue that is not removed may affect final color uniformity.

**Second Coat:** L&M recommends two dye applications to achieve maximum possible uniformity and richness of the chosen dye color. For second application, add equal parts LiON HARD to already diluted VIVID DYE WB PLUS. This new 50:50 solution will be used for all subsequent color applications. After performing the 400 grit diamond grind, apply second coat in a similar manner as before. Do not puddle. Use a mop or microfiber pad to evenly disperse the puddles. Failure to remove puddling may create permanent spotting. Allow to dry. Again scrub floor with water and a brush or white pad, removing dye residue in the process.

**Stain Protections:** For food-based stains and spills, apply two light applications of L&M PermaGuard SPS or LUMISEAL FX. Burnish to desired shine level.



**VIVID DYE WB PLUS**



## FOR BEST RESULTS

- Always apply in a small test area to confirm finished color and owner acceptance.
- Apply with sprayer fitted with a fine mist, cone shaped nozzle. Do not use fan type nozzle.
- May be mixed with lithium silicate hardeners, but only after first diluting with water.
- After drying, always rinse treated floor with water to remove dye residue.
- Top coat with LUMISEAL FX acrylic sealer for best long term protection.
- Tape color transition lines firmly to reduce dye “bleed” under taped line.
- Protect surfaces from over spray.
- **VIVID DYE WB PLUS** is translucent. Existing surface imperfections may be accentuated.

## MAINTENANCE RECOMMENDATIONS

To ensure low cost, long term satisfaction with the FGS PermaShine Plus / **VIVID DYE WB PLUS** floor, L&M has created a specific conditioning cleaner for your maintenance needs. FGS Concrete Conditioner, contains a balanced cleaning formulation with excellent soil suspension, and the inclusion of our hardening agent to enhance your floor to maintain its appearance.

## PRECAUTIONS/LIMITATIONS

**WARNING** - Before using or handling the L&M **VIVID DYE WB PLUS**, read the Material Safety Data Sheet and Warranty.

## STORAGE/SHELF LIFE

**VIVID DYE WB PLUS** containers are to be tightly sealed. Store in a clean, dry area at temperatures between 45°-95° F (6 °-35° C). Shelf life is one year in factory sealed containers when properly stored. Do not freeze.

## 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

*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.*

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