



SB VIVID DYE™

DS-0856-1221

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

SB VIVID DYE™

2. MANUFACTURER

LATICRETE Europe S.r.l. a socio unico
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3. PRODUCT DESCRIPTION

SB VIVID DYE™ is decorative concrete dye formulated exclusively for use with our concrete coatings and sealers as part of the LATICRETE® STAIN system.

These concentrated concrete dyes are available in an ultra low VOC solution, which is capable of being diluted in either water or acetone. Unlike dye powder concentrates, SB VIVID DYE is ready for immediate use in a variety of decorative concrete applications. SB VIVID DYE creates exceptional translucent colour effects that are similar to reactive concrete stains.

As a popular alternative to polished or acid-stained concrete, this STAIN system offers a similar look with added durability and chemical resistance.

Uses

- Within seamless LATICRETE® STAIN flooring systems

- Can be used with resinous products to pigment or dye concrete flooring and pre-cast elements

Advantages

- Deeply penetrates the substrate
- Viable alternative to traditional reactive stains
- Low VOC content — better for you, better for the environment
- Liquid concentrate — can be diluted with either water or acetone

Suitable Substrates

- Concrete

Packaging

148 ml (5oz)

Available Colours

- | | |
|--------------|---------------|
| - Raw Sienna | - Turquoise |
| - Gold | - Terra Cotta |
| - Sepia | - Dark Alder |
| - Caramel | - Walnut |
| - Green | - Sapphire |
| - Pumpkin | - Citrus |
| - Mahogany | - Black |
| - Chocolate | |

Approximate Coverage / Consumption

Material usage is approximately 9.8 m² per L diluted.

Note: Coverage rates may vary greatly depending on substrate porosity, substrate colour and dilution utilized to achieve desired final appearance.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area. High humidity will reduce the shelf life of bagged product.

Cautions

Thoroughly read all technical data sheets, application guidelines, warranty disclaimers and Safety Data Sheets (SDS) prior to use, available at www.laticrete.eu.

- Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 Minutes, if symptoms persist seek medical attention.
- Tape colour transition lines firmly to reduce dye "bleed" under taped line

4. TECHNICAL DATA



Physical Properties

Refer to data sheet for applicable LATICRETE® polyaspartic coating Product Datasheets.

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation

When applied directly to concrete, the surface or self-leveling topping must have a minimum CSP 2. The surface can be mechanically ground with 80-100 grit metal bond diamonds to an ICRI CSP-2 profile. Grinder marks should not be visible as they will telegraph through the final surface.

All cracks should be repaired prior to application with LATICRETE® concrete repair material such as FAST FIX™ or the 8510 BONDING ADMIX + 211 POWDER system. Note that repaired areas may be visible in the finished system due to the nature of the LATICRETE STAIN system.

Refer to *DS 3127: Surface Preparation for LATICRETE® Resinous Flooring* for more info on ICRI concrete surface profiles, or contact Technical Services (technicalservices@laticreteurope.com).

Mixing

Mix the entire contents of the 148 mL dye concentrate with 3.8 L of the desired liquid diluent. Either of the following liquids are recommended to use for diluting SB VIVID DYE:

- **Acetone:** Short dwell time, with consistent colour. Will penetrate fairly dense concrete surfaces.
- **Water:** Long dwell time, with increased marbling. Surface needs to be porous.

Application

Always complete a job site sample or mock-up. SB VIVID DYE is best applied with an airless backpack pump-up sprayer or good quality solvent-resistant sprayer. Apply SB VIVID DYE in light spray applications. Once the subsequent dye application has dried, additional light applications of the same colour or other colours can be applied to build colour depth or create marbling effects.

Drying times can be dramatically affected by temperature and humidity if diluted with water rather than acetone. Application must be made to concrete with a temperature higher than 50°F (10°C) and maintained at this temperature or above for a minimum of 4 hours after application. Typical dry time is 30 seconds to 30 minutes at 70°F (21°C) and 50% relative humidity. Dry times are also dependent upon the water or solvent carrier ratios.

If using recommended LATICRETE polyaspartic coatings, maintain a maximum 100-grit level profile to allow for optimal sealer adhesion and durability.

Notes

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to colour, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Europe S.r.l. a socio unico:

+39 059 535540

info@laticreteurope.com

For on-line distributor information, visit www.laticrete.eu.

Cost

Contact LATICRETE Europe S.r.l. a socio unico to obtain complete information and cost.

7. WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Services for further information. See 10. FILING SYSTEM:

- DS 230.13EU: 1 Year Product Warranty

8. MAINTENANCE

The long term performance, appearance, and life expectancy of wear surface products are critically

dependence upon a good routine maintenance program designed specifically for the installed wear surface.

LATICRETE® polyaspartic and epoxy floor coating systems are nonporous, causing dirt and contaminants to remain on the surface. The use of properly placed walk-off mats, inside and outside, will help increase the life of the floor. Recommend maintenance program consist of frequent and thorough cleaning utilizing a neutral pH cleaner. The frequency of washing will vary depending on floor usage type, traffic and age.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling or emailing the Technical Service Hotline:

+39 059 535540

technicalservices@laticreteeurope.com

Technical and Safety Literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu.

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® is unable to directly control the installation methods and conditions of products and does not assume any liability arising from their implementation. Those who want to use LATICRETE® products should conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

LATICRETE® products are covered by a warranty within the limits of what is established by our general conditions of sale and within the limits of correspondence related to technical specifications and applicable certifications, as expressly indicated in the product data sheets, documentation, or applicable technical documentation.

10. FILING SYSTEM

Additional product information is available on our website at laticrete.eu. The following is a list of related documents:

- DS 230.13EU: 1 Year Product Warranty
- DS 36593: CLEAR PA Product Datasheet
- DS 36592: CLEAR PA PURE Product Datasheet
- DS 87: CLEAR PA PURE CLINICAL PLUS Product Datasheet
- DS 36591: CLEAR PA XPL LOW GLOSS Product Datasheet
- DS 239: 211 POWDER Product Datasheet
- DS 2494: 8510 BONDING ADMIX Product Datasheet
- TDS 420: LATICRETE® Floor Maintenance Guide
- DS 3127: Surface Preparation for LATICRETE® Resinous Flooring