



SPARTACOTE™ VIVID DYE™

DS-085.6-0217

A product brand of LATICRETE International, Inc.



1. PRODUCT NAME

SPARTACOTE™ VIVID DYE™

2. MANUFACTURER

LATICRETE International, Inc.

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Website: www.laticrete.com

3. PRODUCT DESCRIPTION

Formulated exclusively for use with SPARTACOTE coatings and sealers, SPARTACOTE VIVID DYE are available in an ultra-low VOC solution which is capable of being diluted in either water or acetone. Unlike dye powder concentrates, SPARTACOTE VIVID DYE are ready for immediate use in a variety of decorative concrete applications. These products are intended to be used in SPARTACOTE STAIN™ and SPARTACOTE STAIN PURE™ decorative coating systems from SPARTACOTE. SPARTACOTE VIVID DYE can be applied directly to prepared concrete, polished concrete or polymer modified overlays. SPARTACOTE VIVID DYE create exceptional translucent color effects that are similar to reactive concrete stains. Available in 15 different colors with unlimited versatility, SPARTACOTE VIVID DYE offer a viable solution for an array of decorative concrete projects.

Advantages

- Deeply penetrates and resides in the microscopic voids and substrate structure of properly prepared concrete and overlay surfaces.
- A viable alternative to traditional reactive stains, for projects when a larger color palette or ease of installation is required.
- Ideal for polished concrete due to depth of penetration
- Can be utilized in conjunction with all SPARTACOTE clear coatings
- Manufactured as a low VOC liquid concentrate. It is designed to be diluted with water or acetone.

Packaging

5 oz (148 mL)

25 oz (740 mL)

Approximate Coverage

Coverage rates may vary greatly depending on substrate porosity, substrate color and dilution utilized to achieve desired final appearance. Material usage is approximately 400 ft²/Gal (9.8 m²/L) diluted.

Shelf Life

One Year Shelf Life

Cautions

FOR PROFESSIONAL USE ONLY

- Thoroughly read all technical data sheets, application guidelines, warranty disclaimers and Safety Data Sheets (SDS) prior to use. Application guides depending on the dye system employed are available at www.laticrete.com.
- Polyaspartic aliphatic polyurea products contain chemical ingredients that are considered hazardous. Read the container label warning and SDS prior to use.
- 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 color transition lines firmly to reduce dye “bleed” under taped line.

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, 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.

4. TECHNICAL DATA

Working Properties

Specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet 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. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their 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 their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

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 SPARTACOTE™ FAST FIX™ concrete repair material. Note that repaired areas may be visible in the finished system due to the nature of the SPARTACOTE STAIN™ system. Contact the ICRI at www.ICRI.org or SPARTACOTE Technical Services for more information on ICRI concrete surface profiles.

The following liquids are recommended to use for diluting SPARTACOTE VIVID DYE:

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

Mixing

Mix the entire contents of the 5 oz (148 mL) dye concentrate with 1 gal (3.8 L) of the desired liquid diluent. Mix the entire contents of the 25 oz (740 mL) dye concentrate with 5 gal (19 L) of the desired liquid. 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.

Application

Always complete a job site sample. SPARTACOTE VIVID DYE is best applied with an airless backpack pump-up sprayer or good quality solvent-resistant sprayer. Apply SPARTACOTE VIVID DYE in light spray applications. Once the subsequent dye application has dried, additional light applications of the same color or other colors can put down to build color depth or create marbling effects. If using recommended SPARTACOTE FLEX SB™ coatings maintain a maximum 100-grit level profile to allow for optimal sealer adhesion and durability. For application to cementitious overlays and intermediary SPARTACOTE Stain Systems, please reference the SPARTACOTE STAIN application guides available at www.laticrete.com.

6. AVAILABILITY AND COST

Availability

SPARTACOTE™ and LATICRETE® materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.866.966.1329

Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at

www.laticrete.com.

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

DS 230.13: LATICRETE Product Warranty

8. MAINTENANCE

The long term performance, appearance, and life expectancy of wear surface products are critically dependent upon a good routine maintenance program designed specifically for the installed wear surface. SPARTACOTE 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 on frequent and thorough cleaning utilizing a neutral pH cleaner (e.g. Simple Green®). Frequency of washing will vary depending on floor usage type, traffic and age.

Please Refer to TDS 420 "SPARTACOTE Floor Maintenance Guide" available at www.laticrete.com for more information.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.866.966.1329

Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at www.laticrete.com.

10. FILING SYSTEM

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

DS 230.13: LATICRETE Product Warranty

DS 086.0: SPARTACOTE FAST FIX™

DS 086.4: SPARTACOTE FLEX SB™

TDS 420: SPARTACOTE Floor Maintenance Guide

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