



SPARTACOTE™ Lux Additive

DS-36637-0121

**Globally Proven
Construction Solutions**

1. PRODUCT NAME

SPARTACOTE™ Lux Additive

2. MANUFACTURER

LATICRETE International, Inc.
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3. PRODUCT DESCRIPTION

SPARTACOTE™ Lux Additive is a patent pending coating additive for use in combination with SPARTACOTE FLEX PURE™ to increase the light reflectivity in resinous coating systems. Fully compatible with SPARTACOTE FLEX PURE and SPARTACOTE Polyaspartic Pigments, it utilizes a proprietary blend of pigments and reflective elements in an easy to mix on-site dispersion.

SPARTACOTE Lux Additive is an integral part of the SPARTACOTE High-Yield system designed for use in grow room and indoor farming facilities looking to increase plant production and yield while maximizing energy efficiency.

SPARTACOTE Lux Additive may also be used in areas looking to maximize available lighting and increase brightness including warehouses, parking garages, stairwells and hallways.

Uses

- Grow Rooms
- Indoor Farming
- Vertical Farms
- Container Farms
- Hydroponic & Aquaponic Farms
- Greenhouses
- Warehouses
- Parking Garages
- Stairwells & Hallways

Suitable Substrates

- Concrete
- Steel
- Tile
- CMU

Packaging

0.75 gal (2.8L) in a 1 gal (3.8L) can

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years.

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 system employed are available at www.laticrete.com.
- Wear protective gloves, protective clothing and eye protection.
- May cause an allergic skin irritation. Wash skin with water. If skin irritation or rash occurs: Get medical advice/attention.
- Keep out of reach of children.

4. TECHNICAL DATA

Physical Properties

See DS 086.6: SPARTACOTE FLEX PURE

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

Refer to applicable base resin data sheet

Mixing SPARTACOTE Lux Additive and Pigments into Part A

Note: Full mix yields 6.5 gal (24.6L) of Part A. Best practice is to split mix into two mixes after adding polyaspartic pigments.

SPARTACOTE Lux Additive is intended for use with SPARTACOTE FLEX PURE and SPARTACOTE

Polyaspartic Pigments. To achieve best results, follow order of addition as described below.

Prior to mixing stir SPARTACOTE LuxAdditive individually for 1-2 minutes by hand to disperse any material which may have settled.

Add full contents of one 1.25 gal (4.7L) SPARTACOTE Polyaspartic Pigment pack into a 3.75 gal (14.2L) short filled unit of SPARTACOTE FLEX PURE Part A. Mix pigment into Part A with a slow speed drill mixer for 2 minutes to fully disperse the polyaspartic pigments.

Split pigmented SPARTACOTE FLEX PURE Part A into two mixes each with 2.5 gal (9.5L) of material. Add full contents of one unit [0.75 gal (2.8L)] of SPARTACOTE Lux Additive to each mix. Scrape sides of cans to ensure all material is removed. Mix using a slow speed drill mixer for 3 minutes to fully disperse until a uniform color and consistency is achieved. This will yield two 3.25 gal (12.3L) mixes of pigmented Part A.

Failure to properly mix additive and pigments may lead to an inconsistent finish and reduced product performance.

Mixing Part A with Part B

Only mix as much material as can be applied within the stated working time window. Split into smaller mixes as necessary.

Once SPARTACOTE Lux Additive and SPARTACOTE Polyaspartic Pigments have been incorporated into SPARTACOTE FLEX PURE Part A, continue with combining Parts A and B.

Mix 1.3 Parts A to 1 Part B (1.3:1) by volume using a clean, dry working vessel. Use a paddle mixer on slow speed for 2 minutes. Avoid overmixing or creating a vortex that could introduce air. Do not mix below the dew point, which will shorten the pot life. No induction time is required prior to use.

1.3A:1B by Volume

Mix Size	Part A	Part B
1.13 Gal	80 oz	64 oz
2.25 Gal	160 oz	128 oz
5.75 Gal	3.25 Gal	2.5 Gal

Application

Refer to SPARTACOTE FLEX PURE data sheet (DS 086.6)

SPARTACOTE FLEX PURE with SPARTACOTE Lux Additive is designed to be used as a mid-coat (body coat) in SPARTACOTE resinous coating systems. An appropriate system build and topcoat must be utilized to meet application requirements. It is not recommended as

a standalone product. Consult a LATICRETE Technical Service Representative for best options.

Notes

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 coating system.

Variability in job site conditions (including but not limited to surface preparation, sunlight, humidity, dew point, temperature, etc.) during application of SPARTACOTE products may lead to fisheyes, blistering, pinholes, wrinkling, or outgassing of air in the concrete and are not product defects. Double priming, shading or evening application may be required.

6. AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

- DS 230.13: 1 Year 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™ 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 through cleaning utilizing a neutral pH cleaner. 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: 1.800.243.4788, ext. 1235
Telephone: +1.203.393.0010, ext. 1235
Fax: +1.203.393.1948

Technical and Safety Literature

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

10. FILING SYSTEM

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

- DS 230.13: 1 Year Product Warranty
- DS 086.6: SPARTACOTE FLEX PURE
- DS 35216.0: VAPOR BARRIER
- DS 087.5: SPARTACOTE Moisture Vapor Barrier
- TDS 420: SPARTACOTE Floor Maintenance Guide

Patent Pending

LATICRETE International, Inc.

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