



SPARTACOTE™ SL Topping

DS-615.0-0718

**Globally Proven
Construction Solutions**

1. PRODUCT NAME

SPARTACOTE™ SL Topping

2. MANUFACTURER

LATICRETE International, Inc.
1 LATICRETE Park North
Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 1235
Toll Free: 1.800.243.4788, ext. 1235
Fax: +1.203.393.1684
Website: www.laticrete.com

3. PRODUCT DESCRIPTION

SPARTACOTE™ SL Topping is a semi self-leveling or seeded high solids, multi-functional epoxy floor topping.

Uses

- Food processing floors
- Laboratories
- Pharmaceutical Plants
- Waste water treatment facilities
- Aisle ways/Walkways
- Printed Circuit Board Facilities

Advantages

- High solids general purpose epoxy coating
- Semi self-leveling to a high-gloss finish at 10-12 mils
- Can be seeded for anti-skid surface
- Stain resistant with excellent cleanability
- USDA compliant
- Combines exceptional strength and flexibility
- Low maintenance

Suitable Substrates

- Concrete
- CMU
- Wall Board

Packaging

SPARTACOTE SL Topping
Part A- 5 Gallon Plastic Pail
Part B- 3.5 Gallon Plastic Pail
9805-0005-2

Shelf Life/Storage

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.

Approximate Coverage

- 120-160 ft² at 10-12 mils (11.1-14.9 m²- at 0.25-0.30 mm)
Quantities shown are for estimating purposes only. Actual field usage may vary.

VOC Content

15 g/L

Limitations

- Substrate temperature must be between 50°F (10°C) and 110°F(43°C)
- Relative humidity must not exceed 90%
- Substrate temperature must be 5°F (3°C) above the dew point

Cautions

Consult SDS for more safety information.

- Causes skin irritation
- May cause an allergic skin reaction. If rash occurs, remove individual from the work area and seek physician's care for dermatitis.
- Causes serious eye irritation. In case of eye contact, flush with water for at least 15 minutes and consult a physician.
- If contact with hardeners occurs, remove any clothing involved and flush the skin with flowing water. Do not attempt to wash and reuse it. SPARTACOTE™ SL Topping can be removed with soap and water. Do not use acetone.
- If swallowed, do not induce vomiting; call a physician immediately.
- Keep out of reach of children.

4. TECHNICAL DATA

Applicable Standard

Compressive Strength ASTM C579	6,000 psi (41 MPa)
Tensile Strength ASTM D638	2,200 psi (15 MPa)
Flexural Strength ASTM C580	1,800 psi (12 MPa)
Shore D Hardness ASTM D2240	80-90
Tensile Bond Strength ASTM D7234	Cohesive failure of concrete
Taber Abrasion ASTM D4060	33 mg

Pot Life

Temperature	Time	Cure Time
50°F (10°C)	50-60 min.	72 hrs.
75°F (24°C)	30-40 min.	24 hrs.

90°F (32°C)	20-30 min.	20 hrs.
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5. INSTALLATION

Surface Preparation

Concrete

Concrete must be prepared mechanically to remove surface laitance. Oils, grease or other contaminant must be removed prior to surface preparation. Concrete must be free of curing compounds and form release agents. Surface texture should be CSP-3 from the International Concrete Repair Institute.

- The prepared surface should have a nominal tensile strength of 225 psi (1.6 MPa) per ASTM D7234
- All concrete substrates must be checked for moisture prior to product application using the Plastic Sheet Test, ASTM D4263.
- Additional surface preparation will be required if a 60-80 grit texture is not achieved and the surface laitance not completely removed with the first mechanical preparation procedure.
- Mechanical preparation removes laitance, exposing honeycombs or voids beneath the surface that must be filled with SPARTACOTE™ Epoxy Fill Coat.

Priming

The following primers are compatible with SPARTACOTE SL Topping
SPARTACOTE Oil Tolerant Primer
SPARTACOTE General Primer

CMU

LATICRETE recommends CMU surfaces are lightly abrasive blasted to clean CMU block and to provide a 60-80 grit sandpaper texture. Care must be taken to not damage CMU.

Wall Board

Consult a LATICRETE Technical Service representative for preparation method.

Mixing

SPARTACOTE SL Topping Mixing by Volume

SPARTACOTE SL Topping is intended to be used as a full kit. Part A and Part B are pre-measured units. If using SPARTACOTE Surface Build Pigments, refer to data sheet DS 623.4 for instructions.

Mechanically mix the SPARTACOTE™ SL Topping Part A separately for 1-2 minutes to disperse any pigments or fillers which have settled. Add the full unit of Part B into Part A and mix until a uniform color is achieved. Pour mix directly onto the primed concrete.

Do not breakdown units. Do not dilute.

Application

IMPORTANT – Follow all safety instructions listed on the product Safety Data Sheets (SDS) copies available upon request. The following materials should only be installed by trained persons experienced in polyurethane concrete flooring applications.

1. Pour the SPARTACOTE™ SL Topping mix directly onto the primed concrete.
2. The mix should be spread to a 10-12 mil thickness with a serrated squeegee, notched trowel or gauge rake. The gauge rake is preferred. After spreading with material to the proper thickness, roll with a short nap roller to level.
3. To optimize intercoat adhesion, we recommend application of the basecoat while the SPARTACOTE SL Topping is tacky. If this is not possible, the above recoat times must be observed. Exposure of the primer to direct sunlight will considerably shorten the recoat times.

4. If recommended recoat times are exceeded, consult a LATICRETE Technical Service representative; Sanding or abrasive blasting may be required before the coating, lining or floor topping can be applied.

Cure Cycle for SPARTACOTE SL Topping

Temperature	Cure Time
50°F (10°C)	72 hrs.
75°F (24°C)	24 hrs.
90°F (32°C)	20 hrs.

Working Properties

Application temp, ambient	50°F-90°F (10°C-32°C)
Application temp, material	50°F-80°F (10°C-27°C)
Shelf Life	1 year
Pot Life at 70°F (21°C)	60 minutes
Traffic at 70°F (21°C)	Light 6 hours/ Full 24 hours
Fully Cured at 70°F (21°C)	14 days

Cleaning of Tools

Clean all tools and spray equipment immediately after use with warm water and detergent. Acetone may be used as a final rinse.

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 www.laticrete.com

Cost

Contact a LATICRETE Representative in your area.

7. WARRANTY

LATICRETE 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 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 1 Year Product Warranty
TDS 420: SPARTACOTE Floor Maintenance Guide
DS 623.3: SPARTACOTE Epoxy Fill Coat
DS 622.9: SPARTACOTE Oil Tolerant Primer
DS 622.6: SPARTACOTE General Primer
DS 623.4: SPARTACOTE Surface Build Pigments

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