



SPARTACOTE™ SURFACE BUILD 110™

DS-086.8-0817

A product brand of LATICRETE International, Inc.



1. PRODUCT NAME

SPARTACOTE™ SURFACE BUILD 110™

2. MANUFACTURER

LATICRETE International, Inc.

1 LATICRETE Park North

Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010

Toll Free: 1.866.966.1329

Toll Free Fax: 1.855.683.7257

Website: www.laticrete.com

3. PRODUCT DESCRIPTION

SPARTACOTE SURFACE BUILD 110 from SPARTACOTE is a medium Viscosity, 100% solids, self-leveling epoxy concrete primer or intermediate coating. SPARTACOTE SURFACE BUILD should be applied as a primer on new, cured concrete that has been cured for a minimum of 30 days. This product may also be used as a filler coat on concrete that has been mildly spalled due to excessive wear. SPARTACOTE SURFACE BUILD 110 is also suitable for use as a build coat when applying thin mil SPARTACOTE FLEX SB polyaspartic finish coats.

Advantages

- Low VOC
- Impact Resistant
- Excellent adhesion to concrete and ferrous metal
- Superior inter-coat adhesion with SPARTACOTE Polyaspartics and Epoxy
- Excellent carbonation resistance
- Excellent Build Coat over existing Tile

Packaging

2 gal (7.6 L) Kit

5 gal (18.9 L) Part A

5 gal (18.9 L) Part B

5 gal (18.9 L) Part A (Pigmented)

5 gal (18.9 L) Part B (For Pigments)

Approximate Coverage (per gallon)

Mils (mm)	Sq. Ft. Per Coat/Gallon (m ² /L)
6 (0.15)	266 (6.5)
10 (0.25)	160 (3.9)
20 (0.5)	80 (2.0)

Shelf Life

Two years unopened. Store at 40°F to 75°F (4°-24°C) in a covered area (out of the sun). Material should be kept in a cool dry place prior to application. Do not allow to freeze.

Colors

Available in Sand Beige, Light Grey and Clear

Limitations

- Do not use as topcoat
- This product is not recommended for exterior applications or immersion service.
- Do not apply this product at ambient or floor temperatures below 60°F (16°C) or over 90°F (32°C) or if the relative humidity is above 85%.
- Please note that with all resinous coating systems, exterior full sun environments in warm climates may exhibit above average surface temperatures. This is especially true with darker finishes. As a result, resinous systems may not be ideally suited for exterior pool deck applications.

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 are available at www.laticrete.com.
- 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.
- Wear safety gloves.
- Until cured, may irritate eyes and skin. Avoid contact with eyes and or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Material should be kept in a cool dry place prior to application
- Product must not freeze.

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

Applicable Standards and Test Methods

ASTM D4060, ASTM C307

Physical & Working Properties

Gloss Units at 60°F (16°C)	+100
% Volume Solids	100%
% Weight Solids	100%
Wet Film Thickness	6 to 20 mil (0.15 - 0.5 mm)
Application Surface Temp	60° to 90°F (16°C - 32°C)
Drying Time	6 Hours
Pot Life	20 Minutes
Tensile Strength	1900 psi (13.1 MPa)

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

Assure substrate to be coated is clean, dry, and in sound condition. All laitance, curing compounds, concrete hardeners, and other surface contaminants must be removed. Shot-blast or grind areas to be coated.

Product must not freeze. Combine Part A with Part B, mechanically mix with a power drill at low speed for approximately 2 minutes. No induction time is required prior to use. If micro-media agents are to be incorporated, they are to be added after thoroughly mixing A and B. Material may be thinned with up to 10% xylene.

Mixing:

2 Gallon (7.6 L) Kits

Stir contents of Part A 1 gal (3.8 L) Pail. Then add 1 gal (3.8 L) can of Part B activator. Mechanically mix for approximately 2 minutes.

5 Gallon (18.9 L) Pails

Stir contents of Part A 5 gal (18.9 L) pail. Mix by volume, 1 parts Component A to 1 Part Component B activator. Mechanically mix for approximately 2 minutes.

NOTE: Once mixing is complete, immediately pour the entire contents onto the floor. Leaving mixed material in the bucket will generate excessive heat.

Application:

Flat or Notched squeegee application is recommended, with perpendicular back-roll using an 18" (46 cm) long 3/8" (10 mm) nap roller to achieve uniform film thickness. Small chip brushes may be used along the perimeter and in more difficult to reach areas.

Clean up with Xylene or Acetone immediately following use.

6. AVAILABILITY AND COST

Availability

SPARTACOTE™ and 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 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 through 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

TDS 420: SPARTACOTE Floor Maintenance Guide