



SPARTACOTE™ Oil Tolerant Primer

DS-622.9-0520

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

SPARTACOTE™ Oil Tolerant Primer

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: laticrete.com

3. PRODUCT DESCRIPTION

SPARTACOTE™ Oil Tolerant Primer is a two component epoxy primer for use over concrete containing residual contamination from vegetable or petroleum oils. It provides strong substrate adhesion and inter-coat bonding when used as a primer coat in SPARTACOTE epoxy and urethane systems.

Not recommended for use as a primer direct to polyaspartic coatings.

Uses

- Primer for epoxy and urethane systems

Advantages

- Bonds to oil contaminated concrete
- Low VOC
- High solids

Suitable Substrates

- Concrete
- Tile
- SPARTACOTE Epoxy Floor Systems

Packaging

- 9804-0005-2 Full Kit: 5 gal (18.9L) Kit
- Part A: 3.2 gal (12.1L) in a 5 gal (18.9L) pail
- Part B: 1.8 gal (6.8L) in a 3.5 gal (13.2L) pail

Approximate Coverage

WFT	DFT	Coverage
4.0 mils (0.10 mm)	4.0 mils (0.10 mm)	200 ft ² /gal (4.9 m ² /L)
6.0 mils (0.15 mm)	5.9 mils (0.15 mm)	150 ft ² /gal (3.7 m ² /L)

WFT = Wet Film Thickness

DFT = Dry Film Thickness

Coverage values are approximate and will vary based on surface condition, preparation methods and application technique.

Shelf Life

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

Limitations

- Substrate temperature must be between 50°F (10°C) and 90°F (32°C)
- Ambient relative humidity must not exceed 90%
- Substrate temperature must be 5°F (3°C) above dew point

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 protective gloves, protective clothing and eye protection.
- Causes skin burns. If skin irritation or rash occurs: get medical advice/attention
- Causes serious eye damage. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Call a physician immediately.
- If swallowed: Rinse mouth do not induce vomiting. Call a physician immediately.
- Keep out of reach of children.

4. TECHNICAL DATA

VOC/LEED Product Information

15 g/L (as intended for use)

Physical Properties

Property	Test Method	Result
Adhesion	ASTM D7234	>300 psi (>2.1 MPa) Substrate Failure
Tensile Strength	ASTM D638	4000-4200 psi (27.6-28.9 MPa)

Working Properties

Property	Temperature	Value
Mix Ratio	---	Pre-measured units
Working Time	50°F (10°C)	90 minutes
	75°F (24°C)	40 minutes
	90°F (32°C)	25 minutes
Minimum Re-Coat Time	50°F (10°C)	14-16 hours
	75°F (24°C)	8-10 hours
	90°F (32°C)	4-6 hours
Maximum Re-Coat Time	50°F (10°C)	72 hours
	75°F (24°C)	48 hours
	90°F (32°C)	24 hours

Working properties based on stated temperature and 50% RH. Changes in ambient conditions may cause times to vary.

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 - Concrete

Surfaces to be coated must be thoroughly cleaned of gross contaminants and grease that may impede adhesion prior to application. Always check the surface for any bond inhibitors prior to application. Any repairs must be addressed prior to application and should be

repaired in accordance with ICRI standards.

Concrete must be mechanically profiled to an ICRI CSP-3 to 5. Ensure that all surface laitance is removed prior to coating. The prepared surface should have a tensile pull-off strength of 200 psi (1.4 MPa) or greater when tested in accordance with ASTM C1583. If wet grinding, allow surface to fully dry prior to coating.

Concrete must be tested for relative humidity (RH) prior to installation of any coatings. The RH of the slab must not exceed 75% as tested per ASTM F2170. If RH measures 75% or greater, use LATICRETE® VAPOR BAN™ ER or SPARTACOTE Moisture Vapor Barrier.

After priming, SPARTACOTE Epoxy Fill Coat may be applied (see technical data sheet DS 623.3 for application instructions) to fill any substrate defects (voids, bugholes, divots, etc.) that may have been exposed during surface preparation.

Surface Preparation - Over existing tile

Refer to TDS 450: Installation Guideline for Installing SPARTACOTE over Existing Tiled Surfaces

Mixing

SPARTACOTE Oil Tolerant Primer is provided in pre-measured units and when mixed will yield 5 gal (18.9 L) of material.

Prior to mixing, mechanically mix Part A separately for 1-2 minutes to disperse any pigments or fillers which may have settled. Mix pre-measured unit of Part A with pre-measured unit of Part B for 2-3 minutes. Allow 5-10 minute induction time prior to application.

Application

SPARTACOTE Oil Tolerant Primer may be applied by brush, roller or notched squeegee. Suggested application thickness is 4-6 mils (0.1-0.2 mm). Spread primer evenly over all prepared surfaces and backroll. Do not allow the primer to puddle.

To optimize inter-coat adhesion, it is recommended to apply the subsequent coat while SPARTACOTE Oil Tolerant Primer is tacky. If this is not possible, appropriate recoat times must be observed. Exposure of the primer to direct sunlight will considerably shorten the recoat times. If recommended recoat times are exceeded, consult a LATICRETE Technical Service Representative; sanding or abrasive blasting may be required.

With all epoxies after priming and before each additional coat, examine the surface for amine blush (oily film). If present, remove by cleaning the surface with acetone.

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.

Cleaning

Use acetone or xylene to clean tools and equipment.

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 of frequent and thorough 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: LATICRETE Product Warranty
- TDS 420: SPARTACOTE Floor Maintenance Guide
- DS 623.3: SPARTACOTE Epoxy Fill Coat
- DS 35216.0 LATICRETE VAPOR BARRIER
- DS 087.5 SPARTACOTE Moisture Vapor Barrier