



SPARTACOTE™ Urethane Primer WB

DS-622.4-0119

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

SPARTACOTE™ Urethane Primer WB

2. MANUFACTURER

LATICRETE International, Inc.

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Website: laticrete.com

3. PRODUCT DESCRIPTION

SPARTACOTE Urethane Primer WB is a two component, waterborne aliphatic urethane primer. It provides strong substrate adhesion and inter-coat bonding when used as a primer coat in SPARTACOTE urethane systems.

Uses

- Research facilities
- Laboratories
- Food & Beverage Facilities
- Hospitals

Advantages

- Low VOC, Low odor
- Excellent adhesion
- Soap and water clean up

Suitable Substrates

- Concrete
- Concrete Masonry Units (CMU)
- Gypsum Wallboard

Packaging

- 9801-0002-2 Full Kit: 2 gal (7.6L) Kit
- Part A: 1.7 gal (6.4L) in a 2 gal (7.6L) Pail
- Part B: 0.3 gal (1.1L) in a 1 gal (3.8L) Can

Approximate Coverage

4-5 mils (0.10-0.13 mm)	275-325 ft ² /gal (6.7-8.0 m ² /L)
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Shelf Life

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.

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 the dew point
- Intended for interior applications only
- Protect from freezing

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.
- May cause an allergic skin reaction. If skin irritation or rash occurs: get medical advice/attention.
- Causes serious eye irritation. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
- If swallowed: Rinse mouth do not induce vomiting. Call a physician immediately.
- Keep out of reach of children.
- Harmful if inhaled. May cause respiratory irritation.

4. TECHNICAL DATA

VOC/LEED Product Information

5 g/L

Physical Properties

Test	Test Method	Results
Adhesion	ASTM D7234	Cohesive failure of concrete
QUV Resistance, Accelerated Weathering	ASTM D4324/G53	No blistering, rusting, checking or cracking at 1,000 hrs.

Test	Test Method	Results
Tensile Strength	ASTM D638	5,000 psi (34.5 MPa)

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 free of grease and any other contaminants that may impede adhesion. 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-1. 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.

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 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 - CMU

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

After priming, SPARTACOTE Epoxy Fill Coat may be applied (see technical data sheet DS 623.3 for application instructions) over CMU to fill in gaps and voids prior to coating.

Surface Preparation - Wall Board

Consult a LATICRETE Technical Service representative for preparation method.

Mixing

SPARTACOTE Urethane Primer WB is provided in pre-measured units and when mixed will yield 2 gal (7.6L) 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 premeasured unit of Part A with pre-measured unit of Part B for 2-3 minutes.

Application

SPARTACOTE Urethane Primer WB may be applied by brush, roller or squeegee. Suggested application thickness is 3-5 mils (0.07-0.12 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 base

coat while SPARTACOTE Urethane Primer WB 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.

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.

Cure Cycle

Temperature	Working Time	Min. Re-Coat Time	Max. Re-Coat Time
50°F (10°C)	90 Minutes	12 Hours	10 Days
75°F (24°C)	60 Minutes	6-8 Hours	5 Days
90°F (32°C)	30 Minutes	4-5 Hours	48 Hours

Cleaning

Clean all tools and equipment immediately after use with warm soapy water. Acetone may be used for 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

laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

- 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™ 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: LATICRETE Product Warranty
- DS 623.3: SPARTACOTE Epoxy Fill Coat
- TDS 420: SPARTACOTE Floor Maintenance Guide
- DS 622.7: SPARTACOTE Vertical WB