



SPARTACOTE™ Vertical WB

DS-622.7-0718

**Globally Proven
Construction Solutions**

1. PRODUCT NAME

SPARTACOTE™ Vertical WB

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™ Vertical WB is a two component, water born aliphatic urethane wall coating with a class A fire rating. It offers the abrasion resistance and toughness inherent of urethanes. It can be applied at 6-8 mils WFT. Material can be applied by brush, roller or spray. SPARTACOTE Vertical WB comes in a gloss and satin finish.

Uses

- Research Facilities
- Laboratories
- Food and Beverage Facilities
- Hospitals

Advantages

- Class A fire rating
- Low odor, low VOC's
- Excellent adhesion and chemical abrasion resistance
- Excellent stain resistance
- Soap & water clean up

Suitable Substrates

- Concrete
- CMU
- Wall Board

Packaging

SPARTACOTE Vertical WB

Part A- 2 Gallon (7 L) Plastic pail

Part B- 1 Gallon (3.7 L) Steel Can

9808-0005-2 White Satin

9814-0005-2 White Gloss

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

SPARTACOTE Vertical WB

200-275 ft² at 6-8 mils wet film thickness (61-84 m² at 0.15-0.20 mm)

VOC Content

5 g/L

Limitations

- Substrate temperature must be between 50°F (10°C) and 90°F (32°C)
- Relative humidity must not exceed 90%
- Substrate temperature must be 5°F (3°C) above dew point
- Do not apply in direct sunlight
- Working life ≈ 60 min. at 70°F (21°C)
- Protect from freezing

Cautions

Consult SDS for more safety information.

- Causes skin irritation. Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.
- Fumes are flammable and heavier than air. Proper ventilation should be maintained to minimize breathing of concentrated fumes. Suitable respirators should be used during application.
- 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.
- If swallowed, do not induce vomiting; call a physician immediately.
- Keep out of reach of children.

4. TECHNICAL DATA

Physical Properties

Adhesion ASTM D-3359	5B over cured epoxy
QUV Resistance, Accelerated weathering ASTM D-4324/G53	Gross 95%+ retention after 1000 hours delta E color change – 0.15 after 1000 hours. No blistering, rusting, checking or cracking
Tensile Strength ASTM D-638	8500 psi (58.60 MPa)
Tear Strength ASTM D-624 Die C	450 psi (3.10 MPa)
Shore D Hardness, ASTM D-2240	80
Chemical Resistance, ASTM D-1308, 24 hour spot test	No effect water 2% sulfuric acid, 6% H ₂ O ₂ , idophores 2000 ppm, toluene, xylene, 10% NaOH, 70% ethanol
Flame Rating	Class A
Flame Spread Index	5
Smoke Dev Index	5

Specifications are subject to change without notification. Technical data shown in SPARTACOTE™ product data sheets and technical 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.

5. INSTALLATION

Surface Prep Concrete

Concrete must be prepared mechanically to remove surface laitance. Oil, grease or other containment must be removed prior to surface preparation. Concrete must be free of curing compounds and form release agents. Surface texture should be similar to CSP-1 from the International Concrete Repair Institute. The prepared surface should have a minimum tensile strength of 250 PSI per ASTM D-4541. All concrete substrates must be checked for moisture prior to primer application using the Plastic Sheet Test per ASTM-4263.

Please refer to specific priming data sheets for instructions

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 not to damage CMU.

Wall Boards

Consult a LATICRETE Technical Service Representative for preparation methods. Mechanical preparation removes laitance, exposing honeycombs or voids beneath the surface that must be filled with SPARTACOTE™ Epoxy Fill Coat. Refer to SPARTACOTE Epoxy Fill Coat Data Sheet.

MIXING

SPARTACOTE™ Vertical WB is provided in pre-measured units. Do not break units down. **DO NOT DILUTE.**

Mechanically mix the SPARTACOTE Vertical WB Part A separately for 1-2 minutes to disperse any pigments or fillers which have settled. Add the correct amount of Part B and mix until a uniform

color is achieved. Contact a LATICRETE Technical Service representative for recommendations for spray applications.

Priming

Recommended Primers:

SPARTACOTE™ General Primer

SPARTACOTE Oil Tolerant Primer

Dry Times for SPARTACOTE Vertical WB

Dry times at 70°F (21°C) and 50% RH

Dry to Touch	6 hours
Dry Time	24 hours
Full Cure	14 days

Cleaning

Clean all tools and equipment immediately after use with warm water. Acetone may be used for 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
DS 622.6:	SPARTACOTE General Primer
DS 622.9:	SPARTACOTE Oil Tolerant Primer
DS 623.3:	SPARTACOTE Epoxy Fill Coat
TDS 420:	SPARTACOTE Floor Maintenance Guide

LATICRETE International, Inc.
One LATICRETE Park North, Bethany, CT 06524-3423 USA • 1.800.243.4786 • +1.203.393.0010 • www.laticrete.com
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