1. PRODUCT NAME
SPARTACOTE™ Vertical WB

2. MANUFACTURER
LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA
Telephone: +1.203.393.0010, ext. 1235
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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 50ºF (10ºC) and 90ºF (32ºC)
- Relative humidity must not exceed 90%
- Substrate temperature must be 5ºF (3ºC) above dew point
- Do not apply in direct sunlight
- Working life ≈ 60 min. at 70ºF (21ºC)
- 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

<table>
<thead>
<tr>
<th>Adhesion ASTM D-3359</th>
<th>5B over cured epoxy</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUV Resistance, Accelerated weathering ASTM D-4324/G53</td>
<td>Gross 95%+ retention after 1000 hours, 0.15 after 1000 hours. No blistering, rusting, checking or cracking</td>
</tr>
<tr>
<td>Tensile Strength ASTM D-638</td>
<td>8500 psi (58.60 MPa)</td>
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<tr>
<td>Tear Strength ASTM D-624 Die C</td>
<td>450 psi (3.10 MPa)</td>
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<tr>
<td>Shore D Hardness, ASTM D-2240</td>
<td>80</td>
</tr>
<tr>
<td>Chemical Resistance, ASTM D-1308, 24 hour spot test</td>
<td>No effect to 2% sulfuric acid, 6% H2O2, idophores 2000 ppm, toluene, xylene, 10% NaOH, 70% ethanol</td>
</tr>
<tr>
<td>Flame Rating</td>
<td>Class A</td>
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<tr>
<td>Flame Spread Index</td>
<td>5</td>
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<tr>
<td>Smoke Dev Index</td>
<td>5</td>
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</tbody>
</table>

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 dispense 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 non-porous, 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.

Data Sheets are subject to change without notice. For latest revision, visit www.laticrete.com.  DS-622.7-0718
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