



SPARTACOTE® Cove Gel

DS-622.5-0223

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

SPARTACOTE® Cove Gel

2. MANUFACTURER

LATICRETE International, Inc.

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3. PRODUCT DESCRIPTION

SPARTACOTE Cove Gel is an epoxy system designed for installation as an integral cove base. For use with SPARTACOTE resinous coating systems to create seamless transitions between the floor and wall.

Uses

- Commercial kitchens
- Pharmaceutical and Research Facilities
- Laboratories
- Water Treatment Plants
- Educational Facilities
- Clean Rooms
- Food and Beverage Facilities
- Showers and Bathrooms

Advantages

- Contributes toward MR 5 and EQ 4.2 under LEED
- Low VOC's
- Easy to apply
- low installation odor

Suitable Substrates (Interior Use Only)

- Concrete

Packaging

- 9806-0005-2 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
- Body Coat requires the use of SPARTACOTE Blended Quartz (sold separately)

Approximate Coverage

Coat	Coverage
Tack Coat	250 ft ² /gal (6.1 m ² /L)
Body Coat	40-50 linear feet per gallon mixed resin at 4" by 1/8" - 1" radius (12.2-15.2 linear meters at 101.6 mm by 3.2-25.4 mm radius)
Grout Coat	100 ft ² /gal (2.5 m ² /L)

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 of concrete 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
- Product is not UV Stable and intended for interior applications only

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

30 g/L (as intended for use)

Physical Properties

Test	Test Method	Results
Adhesion	ASTM D7234	>300 psi (2.1 MPa) concrete failure
Tensile strength	ASTM D638	5500 – 5600 psi (37.9-38.6 MPa)
Compressive strength	ASTM D695	5500 – 5600 psi (37.9-38.6 MPa)

Working Properties

Property	Value
Mix Ratio	See section 5. INSTALLATION
Working Time	65-70 minutes
Cure Time	4-6 hours (Dry to touch)
Full Cure	7 days

Working properties based on 70°F & 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

Surfaces to be coated must be primed prior to application of SPARTACOTE Cove Gel. Ensure that proper re-coat windows are observed. See applicable primer technical data sheet for surface preparation requirements.

Compatible SPARTACOTE Primers:
SPARTACOTE General Primer (DS 622.6)

SPARTACOTE Oil Tolerant Primer (DS 622.9)
SPARTACOTE WB Epoxy Primer (DS 085.8)
LATICRETE® VAPOR BAN™ ER (DS 35216.0)
SPARTACOTE Moisture Vapor Barrier (DS 087.5)

Mixing - Tack Coat by Volume

SPARTACOTE Cove Gel Pt A - 85 fl.oz. (2.5L)
SPARTACOTE Cove Gel Pt B - 43 fl.oz. (1.3L)

Prior to mixing, mechanically mix Part A separately for 1-2 minutes to disperse any pigments or fillers which may have settled. Mix Part A with Part B for 2-3 minutes until a uniform consistency is achieved.

Mixing - Body Coat by Volume

SPARTACOTE Cove Gel Pt A - 85 fl.oz. (2.5L)
SPARTACOTE Cove Gel Pt B - 43 fl.oz. (1.3L)
SPARTACOTE Blended Quartz or 30 mesh kiln dried sand - 50 lb/gallon mixed resin (6.0 kg/L)

Prior to adding the aggregate, mechanically mix Part A separately for 1-2 minutes to disperse any pigments or fillers which may have settled. Mix Part A with Part B for 2-3 minutes until a uniform consistency is achieved. Gradually add the aggregate, mixing continuously until a uniform mortar is created.

Mixing - Grout Coat by Volume

SPARTACOTE Cove Gel Pt A - 85 fl.oz. (2.5L)
SPARTACOTE Cove Gel Pt B - 43 fl.oz. (1.3L)

Prior to mixing, mechanically mix Part A separately for 1-2 minutes to disperse any pigments or fillers which may have settled. Mix Part A with Part B for 2-3 minutes until a uniform consistency is achieved.

Application

All horizontal and vertical surfaces to be included should be primed prior to creating the cove base. Begin by using a disposable brush to apply a thin tack coat of SPARTACOTE Cove Gel on all surfaces which will be part of the seamless cove base. (Note: If the tack coat dries prior to applying the SPARTACOTE Cove Gel body coat, re-apply the tack coat.) Apply the mixed SPARTACOTE Cove Gel body coat over the wet tack coat. Trowel up the wall with straight edged trowel. Place extra mortar in radius and smooth with small radius coving trowel to create a 1/8" - 1" (3.2-25.4 mm) radius. A soap and water solution may be used to lubricate the trowel during application.

Once Cove Gel body coat has cured, apply SPARTACOTE Cove Gel as a grout coat. Using a disposable brush, cover seamless cove base to excess. Follow with a flat squeegee to remove excess material. Allow to cure overnight and repeat (if necessary) with a second coat.

For improved UV stability, abrasion, stain resistance, and chemical resistance a top coat is recommended. Consult a LATICRETE Technical Service Representative for best options.

To optimize inter-coat adhesion, appropriate recoat times must be observed. Exposure of the coating 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:

- 1 Year Product Warranty (US - English)

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.spartacote.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 622.6: SPARTACOTE General Primer
- DS 623.0: SPARTACOTE Surface Build Quartz
- DS 622.9: SPARTACOTE Oil Tolerant Primer
- DS 623.1: SPARTACOTE Surface Build Flake
- TDS 420: SPARTACOTE Floor Maintenance Guide
- DS 085.8: SPARTACOTE WB Epoxy Primer
- DS 35216.0 LATICRETE VAPOR BAN ER
- DS 087.5: SPARTACOTE Moisture Vapor Barrier
- DS 615.0: SPARTACOTE Surface Build Pigment Base

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