



SPARTACOTE Urethane Cement Cove Base

DS-36573.0-0519

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

SPARTACOTE Urethane Cement Cove Base

2. MANUFACTURER

LATICRETE International, Inc.
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3. PRODUCT DESCRIPTION

SPARTACOTE Urethane Cement Cove Base creates a seamless transition between floors and walls. Meant for use within SPARTACOTE Urethane Cement ATS & SL systems for industrial applications experiencing thermal shock, impact, abrasion and chemical exposure. It consists of a Part A & B liquids, Cove Base slurry powder and optional SPARTACOTE Urethane Cement Pigments.

Available Colors: Medium Grey, Dark Grey, Tan, Green, Red and Black

Uses

- Integral cove in SPARTACOTE Urethane Cement ATS & SL systems.
- Wet Processing Environments
- Food & Beverage Manufacturing
- Commercial Kitchens
- Chemical Process Facilities
- Pharmaceutical Manufacturing Facilities
- Breweries

Advantages

- Seamless transition between walls & floor
- Excellent abrasion, impact and chemical resistance
- Resistant to thermal shock
- Resistant to fungi growth per ASTM G-21

Suitable Substrates

- Concrete
- Quarry Tile

Packaging

Part A & B Liquids

9250-0001-1 Part A: 1 gal (3.7L) liquid

9252-0005-1 Part B: 1 gal (3.7L) liquid

Cove Base Filler

9249-0028-1 Cove Base: 28.5 lb (12.9kg) powder

Urethane Cement Pigments

9260-0001-1 Medium Grey: 1 lb (0.5kg) pigment

9261-0001-1 Dark Grey: 1 lb (0.5kg) pigment

9262-0001-1 Tan: 1 lb (0.5kg) pigment

9263-0001-1 Green: 1 lb (0.5kg) pigment

9264-0001-1 Red: 1 lb (0.5kg) pigment

9264-0001-1 Black: 1 lb (0.5kg) pigment

Approximate Coverage

Cove Height	Cove Radius	Approx. Coverage
4" (101.6 mm)	3/16" (4.8 mm)	35 linear ft (10.7 mm)

Shelf Life

Factory sealed containers of the following products are guaranteed to be of first quality if stored off the ground in a clean, dry area.

Urethane Cement Liquids (Parts A & B): 1 Year. Urethane Cement Powders: 6 months. Urethane Cement Pigments: N/A

Limitations

- SPARTACOTE Urethane Cement systems are not color stable unless UV resistant top-coat is used
- Do not install on wet concrete
- Substrate temperature must be between 40°F (4°C) and 85°F (29°C)
- Floors should be properly sloped to drain to prevent standing water
- Spills should be removed as soon as possible to prevent potential hazards
- Material temperature at installation must be between 50°F (10°C) and 80°F (26°C)

Cautions

- FOR PROFESSIONAL USE ONLY
- Causes skin irritation
- Causes serious eye irritation
- 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.

- May cause damage to organs through prolonged or repeated exposure
- May cause an allergic skin reaction
- Harmful if inhaled
- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- May cause respiratory irritation
- Suspected of causing cancer
- Keep out of reach of children

4. TECHNICAL DATA

Working Properties

Property Name	Property Value
Working Time	15 minutes
Minimum Re- Coat Time	6-8 Hours
Maximum Re-coat Time	24 Hours
Foot Traffic / Vehicular Traffic	12 hours / 24 hours
Full Cure	7 Days

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

Installation of SPARTACOTE Urethane Cement Cove Base should be done prior to applying the floor to ensure a clean transition.

All surfaces should be primed using SPARTACOTE Urethane Cement Top Coat prior to installation of the cove, refer to DS 14.5 for instructions.

Surface Preparation - Concrete

SPARTACOTE Urethane Cement flooring systems may be installed on concrete after a minimum of 7 days and/or when the concrete reaches a minimum of 3,500 psi (24.1 MPa) compressive strength which will allow for proper surface preparation. However, early curing movement, shrinkage or cracking that may occur in the concrete will be reflected through the final SPARTACOTE Urethane Cement flooring.

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. Concrete that has been contaminated with chemicals or other foreign matter must be neutralized or removed. 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-4 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.

All concrete surface irregularities, cracks, expansion joints, control joints and terminations should be properly addressed and prepared prior to application of the flooring. To prevent lifting or delamination, keyways (minimum 5/16" wide x 5/16" deep) (7.9 x7.9 mm) must be cut at all terminations, joints, columns, doorways, walls, and drains.

Moving joints and cracks will reflect through the final installed SPARTACOTE Urethane Cement flooring.

Mixing

Mix Ratio

1/4 gal Part A : 1/4 gal Part B : 28.5 lb Cove Base : 1 lb Pigment
0.9L Part A : 0.9L Part B: 11.7 kg Cove Base : 0.5 kg Pigment

Do not mix more material than can be applied within the 15 minute working time.

Pour 1/4 gallon (0.9 L) of Part A into the mixing pail. Add 1 SPARTACOTE Urethane Cement Powder Pigment package to Part A and mix with slow speed drill and mixing paddle for about 15 seconds. Add 1/4 gallon (0.9 L) of Part B and mix for an additional 15 seconds. Gradually add all contents of a bag of the SPARTACOTE Urethane Cement Cove Base filler (28.5 lb)(12.9 kg) into the liquid mixture and blend thoroughly until all particles are wetted out, normally about two minutes.

Application

Immediately after mixing (within 3 minutes), apply the mixed cove base material onto the primed surfaces by hand trowel. Use a cove trowel to compact and form cove profile. Do not overwork the mortar.

Allow Cove Base to dry for a minimum 6 - 8 hours prior to installing the remainder of the SPARTACOTE Urethane Cement flooring system.

Apply optional topcoat over entire SPARTACOTE Urethane Cement system if desired for improved UV stability, abrasion, stain and chemical resistance. Consult a LATICRETE Technical Service Representative for best options.

Cleaning of Tools

Clean tools with Mineral Spirits

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.

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 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.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 1 Year Product Warranty
- DS 014.5: SPARTACOTE Urethane Cement Topcoat
- DS 014.4: SPARTACOTE Urethane Cement ATS
- DS 35237.0: SPARTACOTE Urethane Cement SL
- TDS 420: SPARTACOTE Floor Maintenance Guide