



SPARTACOTE™ Cove Base

Installation Guide

TDS 448

LATICRETE International, Inc. strongly recommends the use of licensed coating contractors who have demonstrated their commitment to their craft and taken the time to stay current with the latest materials and methods. Requiring references and a portfolio along with a bid or estimate is a good way to ensure the contractor has successfully completed work of similar size, scope, and complexity. Please read application instructions in their entirety prior to installation and contact LATICRETE with any question before you begin any coating project.

LATICRETE resinous flooring products are manufactured with the highest regard for quality, functionality and performance. The following provides a guideline to the proper installation of a cove base that will receive a SPARTACOTE™ resinous system. To install the Cove base system you should follow one of the installation guidelines below:

Installing cove base with SPARTACOTE Cove Gel

Prior to the mixing and installation of this cove base material, it is important to ensure that the suitable surface to receive this material is clean and free of dust, debris, laitance, and any other bond breaking residue. Surface to be coated must be primed prior to the application of SPARTACOTE Cover Gel. Appropriate SPARTACOTE primers are one of the following: SPARTACOTE General Primer, SPARTACOTE Oil Tolerant Primer, SPARTACOTE WB Epoxy Primer, and SPARTACOTE Moisture Vapor Barrier. Ensure that proper re-coat windows are observed.

Mixing

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 - 50lb/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.

Installation

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, reapply 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.

Installing cove base with Urethane Cement Cove Base

Prior to the mixing and installation of this cove base material, it is important to ensure that the suitable surface to receive this material is clean and free of dust, debris, laitance, and any other bond breaking residue. Proper personal protection equipment (PPE) should always be worn as some silica particles may become airborne when mixing. **Always install cover base prior to full flooring system to ensure clean transition between vertical and horizontal surfaces.

To Prevent lifting or delamination, keyways [minimum 5/16" wide x 5/16" deep (7.9 mm x 7.9 mm)] must be cut at all termination, joints, columns. Doorways, and drains. Clean sand and dust from prepared concrete where the floor is to be installed. It is suggested to prime the area where cove base will be installed with SPARTACOTE Urethane Cement Top Coat.

Mixing

Using an electric jiffy mixer and a 5 gallon bucket pour ½ gallon (1.8 L) of Part A into the pail. With the mixer running add 1 Powder Pigment package into the Part A and Mix for about 15 seconds. Once Pigment is incorporated, add ½ gallon (1.8 L) of part B, this would create 1:1 ration of A & B. Mix for another 15 seconds until the power pigment is evenly dispersed. Gradually add all contents of a SPARTACOTE Urethane Cement Cove Base Filler Powder 28.5 LB (11.70 kg) bag and blend thoroughly until all particles are wetted out, normally about two minutes.

Installation

Immediately after mixing (within 3 minutes), apply the mixed cove base material into the vertical surface by a hand trowel, flexible wing cove and/ or corner squeegee trowel. Do not overwork mortar. To smooth trowel marks, immediately roll the surface lightly with a mohair roller. Excessive rolling may cause blisters. NOTE: Later or heavy rolling may induce pinholes. Lay abutting edges within 10 minutes to ensure a clean edge. Coverage with this mix should be 35 lineal feet/ unit (10.7 m/ unit) for a 3/16" (4.7mm) X 4" (101 mm) cove.

Cove base Installation Using SPARTACOTE Resins and CAB-O-SIL®

Prior to the mixing and installation of this cove base material, it is important to ensure that the suitable surface to receive this material is clean and free of dust, debris, laitance, and any other bond breaking residue. Proper personal protection equipment (PPE) should always be worn as some silica particles may become airborne when mixing.

Mixing

Using the SPARTACOTE polyaspartic resin of you're choosing (i.e. SPARTACOTE FLEX PURE, SPARTACOTE FLEX SB), mix a total of 32oz (0.9L) of Parts A & B following an 1:1 mixing ratio. Use a paddle mixer on low speed for 2 minutes. Avoid over-mixing or creating a vortex that will introduce air. Do not mix below the dew point as that will shorten the pot life. In a separate mixing bucket with a lid, cut a hole large enough to fit the mixing pole through. Using this hole, pour in 42 oz. (1.2L) of CAB-O-SIL® followed by the mixed SPARTACOTE resins atop. Mix the buckets contents with a slow drill mixer for 60 seconds or until jelly-like consistency. NOTE Over mixing reduces work time.

Installation

Directly after mixing, fill a masonry grout bag with the material. Squeeze out mixed material in an opening the size calibrated to desired radius. Avoid excess material spillage. If excess spillage occurs, immediately scrape off excess material before it cures. Trowel using Midwest Rake flexible wing cove & corner squeegee trowel. Allow material to cure prior to the application of a SPARTACOTE system. If you are planning to broadcast into the cove material, place blue painter's tape at the base of the cove and atop and immediately throw broadcast media into the wet cove. Be sure not to paint over where the cove is broadcasted. Wait a minimum of 90 minutes prior to checking if the material is cure. After this time a thumb test should be conducted to ensure the broadcast media is fully adhered and cured. Collect all excess media and place them back within the packaging. If chip was installed use a scraping tool or a palm sander and scrape in three directions on the cove: left, right, and down. Vacuum and remove all dust from the cove and conduct a solvent wipe. Excess material should be thrown in the garbage. If there are any repairs that are needed, apply a small amount of SPARTACOTE resin in the area to be repaired and rebroadcast these spots with the media. A clear top coat can be installed over the cove or you can proceed to install the SPARTACOTE system.

Installing Cove Base with SPEEDCOVE™

Check with the manufacturer to the latest installation guideline and recommendation for install at www.speedcove.com.

Bring SPEEDCOVE to room temperature. Prepare the floor and wall by scraping or grinding high spots so pieces fit snug (if applicable, cut and remove bottom 4, 6 or 8 inches of (FRP) fiber-reinforced wall panels*). Vacuum and clean the floor, wall, and SpeedCove pieces prior to installation. Dry fit all pieces without adhesive to ensure you have enough materials and to streamline the installation.

SPEEDCOVE can be fit to size with a chop saw, utility knife, or diamond wheel grinder.

Once ready to install, apply full spread of adhesive to back of SpeedCove, including all butt joints, and full spread to the floor at base to support & adhere entire coving section. Use enough adhesive to eliminate all voids. Press all pieces firmly into wall and floor starting with inside corners. Pieces can be tacked with an 18 gauge nailing gun only where needed. Patch joints and transitions and seal the top of the transition watertight to the wall following the recommendation of SPEEDCOVE. Sand patching marks & transitions to hide joints and wipe the entire surface with acetone or compatible cleaner. Once the adhesive is dried, SPARTACOTE resinous systems can be installed to create a seamless installation.

*Note: installer is responsible to test all adhesives, patch materials, and coatings for bond strength & compatibility before installation.

Installation Guides are subject to change without notice. For latest revision, check our website at www.laticrete.com

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