



SPARTACOTE® PRIME-N-GO™

DS-36651-1222

**Globally Proven
Construction Solutions**

1. PRODUCT NAME

SPARTACOTE® PRIME-N-GO™

2. MANUFACTURER

LATICRETE International, Inc.

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Website: laticrete.com

3. PRODUCT DESCRIPTION

Simplify your installation process with SPARTACOTE® PRIME-N-GO™, a two-part epoxy primer that promotes strong adhesion without needing mechanical prep.

Uses

- Healthcare facilities
- Educational facilities
- Single & multi-family residential
- Retail spaces

Advantages

- Eliminates the need for mechanical prep such as grinding and/or shot blasting
- Simplifies the installation process
- Bonds to non-porous and non-absorptive surfaces
- Multi-purpose for use on a wide range of substrates
- Promotes strong substrate and intercoat adhesion
- Helps eliminate outgassing in subsequent coats
- Oil tolerant
- Easy to mix and apply
- Single coat application
- Low VOC; complies with SCAQMD VOC requirements

Suitable Substrates

- Concrete
- Polished Concrete
- Concrete Smooth and Non Absorbent
- CMU
- Cement Backer Board
- Tile

- Quarry Tile
- Porcelain tile
- Ceramic Tile
- Luxury Vinyl Tile (LVT)
- Luxury Vinyl Plank (LVP)
- Wall Board
- Exterior Glue Plywood (Floors Only)
- Well-Bonded Cutback Adhesive
- Metal
- Epoxy Coating
- Polyaspartic Coating

Packaging

SPARTACOTE PRIME-N-GO is mixed at 2A:1B by volume.

3 Gal Mix

- Part A: 9856-0003-A
2 gal (7.6L) in a 3.5 gal (13.2L) pail
- Part B: 9856-0003-B
1 gal (3.7L) in a 1 gal (3.7L) can

Approximate Coverage

SPARTACOTE PRIME-N-GO may be applied between 4.0 mils (0.10 mm) and 6.0 mils (0.15 mm) WFT.

WFT	DFT	Porous	Non-Porous
4.0 mils (0.10 mm)	4.0 mils (0.10 mm)	300 ft ² /gal (7.4 m ² /L)	401 ft ² /gal (9.8 m ² /L)
5.0 mils (0.13 mm)	5.0 mils (0.13 mm)	240 ft ² /gal (5.9 m ² /L)	321 ft ² /gal (27.9 m ² /L)
6.0 mils (0.15 mm)	6.0 mils (0.15 mm)	200 ft ² /gal (4.9 m ² /L)	267 ft ² /gal (6.6 m ² /L)

WFT = Wet Film Thickness

DFT = Dry Film Thickness

When tinting SPARTACOTE PRIME-N-GO apply between 12 mils (0.10 mm) and 16 mils (0.15 mm) WFT to achieve full coverage and hide.

WFT	DFT	Porous	Non-Porous
12.0 mils (0.30 mm)	11.9 mils (0.30 mm)	100 ft ² /gal (2.5 m ² /L)	134 ft ² /gal (3.3 m ² /L)
16.0 mils (0.41 mm)	15.8 mils (0.40 mm)	75 ft ² /gal (1.8 m ² /L)	100 ft ² /gal (2.5 m ² /L)

WFT = Wet Film Thickness

DFT = Dry Film Thickness

Coverage values are approximate and will vary based on surface condition, preparation methods and application technique. Very rough or porous substrates will significantly decrease coverage and may require a second application.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years.

Limitations

- Product is not intended for use as a wear surface
- Substrate temperature 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 dew point and rising
- Product is not UV stable and intended for interior applications only
- Do not use as a primer for Urethane Cement systems
- Do not use as a primer for high build or trowel system >1/4"
- Do not use in areas which experience high forklift traffic

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.
- IF ON SKIN: Wash with plenty of water
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Control center.
- If exposed or concerned: get medical advice/attention
- Keep out of reach of children.

4. TECHNICAL DATA

VOC/LEED Product Information

<100 g/L (as intended for use)

Physical Properties

Property	Test Method	Result
Adhesion to concrete	ASTM D7234	>300 psi (>2.1 MPa) Substrate Failure
Tensile Strength	ASTM D2370	3,300 psi (22.7 MPa)
Elongation	ASTM D2370	5.3%
Impact Resistance	ASTM D5420	22 in-lb (2.5 N-m)
Hardness	ASTM D2240	78 Shore D
Mandrel Bend	ASTM D522	Pass 26 mm
Moisture Tolerance	ASTM E96	Class III Vapor Retarder 9.1 perms

Working Properties

Property	Value
Mix Ratio	2A:1B by vol.
% Solids	99% by vol.
Working Time	55 minutes
Minimum Re-Coat Time	4.5 hours
Maximum Re-Coat Time*	24 hours

***When re-coating with SPARTACOTE FLEX XPL maximum re-coat window is 10 hours**

Chemical Resistance

See SPARTACOTE Chemical Resistance chart

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

The use of SPARTACOTE PRIME-N-GO is not a substitute for good coating practices. The substrate being adhered to must be sound and of sufficient strength to accommodate the system being installed. All repairs must be addressed prior to the application. SPARTACOTE PRIME-N-GO is not intended to hide or conceal any surface defects and ghosting or shadowing may occur if not addressed prior to coating.

Due to the wide variability in substrates and materials, a mock-up or field test area is required in order to validate adhesion, 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 determine approval of the coating system.

Surface Preparation - Non-Porous Concrete / Porous Concrete

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. Any repairs must be addressed prior to application and should be repaired in accordance with ICRI standards.

Clean the surface of all loose debris and dust by first blowing and/or sweeping the entire surface. Next vacuum the entire surface to be coated ensuring that each pass overlaps the previous. Pay special attention to corners and edges which could trap dirt and dust. Once all debris has been removed and immediately prior to coating, perform a final cleaning of the surface with a microfiber pad saturated with acetone. Re-apply solvent as necessary ensuring that the pad remains wet and the entire surface is cleaned.

The clean surface should have a tensile pull-off strength of 200 psi (1.4 MPa) or greater when tested in accordance with ASTM C1583.

Concrete must be tested for relative humidity (RH) prior to the installation of any coatings. The RH of the slab must not exceed 75% as tested per ASTM F2170 or >3lbs/1000sqft/24hr per ASTM F1869. If moisture in the slab exceeds these limits, coat with SPARTACOTE PRIME-N-GO, then coat with LATICRETE® VAPOR BAN™ ER or VAPOR BAN E prior to building the system.

Surface Preparation – Oil contaminated concrete

Surfaces to be coated must be thoroughly cleaned of gross contaminants, oil, and grease that may impede adhesion prior to application. Always check the surface for any bond inhibitors prior to application. Due to the high variability in surfaces and materials, the best practice is to perform a mock-up area to ensure adhesion.

Clean the concrete using L&M™ CITREX™ citrus-based degreasing agent per ICRI Guideline No. 310.2R-2013 Section 8.4. Note that the degreasing process may need to be repeated several times when testing shows heavy contamination a citrus degreaser may not be sufficient. Once the floor is degreased, thoroughly rinse the concrete using a 3000 psi pressure washer. Allow all water to dry prior to application.

Once all debris has been removed and immediately prior to coating, perform a final cleaning of the surface with a microfiber pad saturated with acetone. Re-apply solvent as necessary ensuring that the pad remains wet and the entire surface is cleaned.

Surface Preparation – Tile (Ceramic, Porcelain & Quarry)

Surfaces to be coated must be thoroughly cleaned of gross contaminants, oil, and grease that may impede adhesion prior to application. Always check the surface for any bond inhibitors prior to application. Due to the high variability in surfaces and materials, the best practice is to perform a mock-up area to ensure adhesion.

If oil or grease is present, clean the surface using L&M™ CITREX™ citrus-based degreaser. Pay particular attention to grout lines and joints. Note that the degreasing process may need to be repeated several times when testing shows heavy contamination a citrus degreaser may not be sufficient. Once the floor is degreased, thoroughly rinse the concrete using a 3000 psi pressure washer. Allow all water to dry prior to application.

Clean the surface by sweeping and vacuuming to ensure that all debris such as dirt and dust are removed. Once all debris has been removed and immediately prior to coating, perform a final cleaning of the surface with a microfiber pad saturated with acetone. Re-apply solvent as necessary ensuring that the pad remains wet and the entire surface is cleaned.

Surface Preparation – Non-Porous surfaces

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. Any repairs must be addressed prior to application. Due to the high variability in surfaces and materials, the best practice is to perform a mock-up area to ensure adhesion.

The prepared surface should be sound, free of defects, and have a tensile pull-off strength of 200 psi (1.4 MPa) or greater when tested in accordance with ASTM C1583.

Clean the surface by sweeping and vacuuming to ensure that all debris such as dirt and dust are removed. Once all debris has been removed and immediately prior to coating, perform a final cleaning of the surface with a microfiber pad saturated with acetone. Re-apply solvent as necessary ensuring that the pad remains wet and the entire surface is cleaned.

Surface Preparation – Existing epoxy and polyaspartic coatings

SPARTACOTE PRIME-N-GO may be used to coat over existing coated floors without mechanical abrasion if the existing coating is sound and well adhered. 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. Any repairs must be addressed prior to application. Due to the high variability in surfaces and materials, the best practice is to perform a mock-up area to ensure adhesion.

The prepared surface should be sound, free of defects, and have a tensile pull-off strength of 200 psi (1.4 MPa) or greater when tested in accordance with ASTM C1583.

Clean the surface of all loose debris and dust by first blowing and/or sweeping the entire surface. Next vacuum the entire surface to be coated ensuring that each pass overlaps the previous. Pay special attention to corners and edges which could trap dirt and dust. Once all debris has been removed and immediately prior to coating, perform a final cleaning of the surface with a microfiber pad saturated with acetone. Re-apply solvent as necessary ensuring that the pad remains wet and the entire surface is cleaned.

Tinting with SPARTACOTE Universal Pigments

If desired, SPARTACOTE PRIME-N-GO may be tinted with SPARTACOTE Universal Pigments to create a tinted base for the system. It is not recommended as the sole decorative coat and should be coated with a second tinted coat for all Guard or solid color systems. For full hide, the coating must be applied at a thickness of 12 – 16 mils (0.3 – 0.4 mm) WFT.

The best practice is to mix in gallon increments. Measure out appropriate amounts of parts A and B, observing 2A:1B vol. mix ratio, prior to adding SPARTACOTE Universal Pigments.

Required loading for SPARTACOTE Universal Pigments is (1) small unit per gallon of mixed resin (A+B) or (1) large unit per 5 gallons of mixed resin. A full 3 gal mix will require (3) small units of SPARTACOTE Universal Pigments. White, Safety Yellow, and Safety Red require doubling the loading level.

Once parts A and B are measured, add full contents of SPARTACOTE Universal Pigment unit(s) directly into Part A at the loading rate stated above. Scrape sides and ensure all pigment is removed from the jar. Mix pigment into Part A with a slow-speed drill mixer to fully disperse the pigments until a uniform color and consistency is achieved, approximately 2 minutes. Failure to properly mix pigments may lead to an inconsistent finish and reduced product performance.

Once pigments have been combined with part A, continue with the mixing instructions below.

Mixing

SPARTACOTE PRIME-N-GO is mixed at a ratio of 2A:1B by volume.

Store resins at room temperature, 65-85°F (18-30°C), for 24 hours before use to ensure ease of mixing. Prior to mixing, stir individual components to disperse any materials that may have settled.

Combine 2 Parts A to 1 Part B. Mix for 2-3 minutes with a slow speed drill until a uniform consistency and

appearance is achieved. Immediately after mixing apply product to properly prepared substrate.

Application

SPARTACOTE PRIME-N-GO may be applied by brush, roller and/or notched squeegee. The suggested application thickness is 4 to 6 mils (0.1 to 0.15 mm) or a spread rate of 267 to 400 sqft/gal for non-porous substrates or 200 to 300 sqft/gal for porous substrates. Spread primer evenly over all prepared surfaces. Extremely rough and/or porous surfaces may require additional material. Backroll at 90 degrees to the direction of application and work the material into the surface. Do not allow the primer to puddle.

For vertical applications, apply SPARTACOTE PRIME-N-GO using a brush and/or roller. Spread primer evenly over all prepared surfaces. Take care not to exceed recommended coating thickness to avoid drips, sags, and pooling.

SPARTACOTE PRIME-N-GO may be recoated once the primer is tacky but no longer transfers to a gloved hand, 4.5 hours minimum. **Note: When recoating with SPARTACOTE FLEX XPL, maximum recoat time is 10 hours.** To optimize intercoat adhesion the primer is designed to stay tacky for an extended period. Stated recoat times must be observed. Exposure of the primer to direct sunlight will considerably shorten the recoat times. If recommended recoat times are exceeded, clean the surface with a microfiber pad saturated with acetone, then apply a second coat of SPARTACOTE PRIME-N-GO.

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.

Storage

Store in a clean, dry environment out of direct sunlight between 40°F - 100°F (5°C - 38°C).

Cleaning

Use acetone or xylene to clean tools and equipment.

Notes

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.

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 LiteratureTo 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: 1 Year Product Warranty

LATICRETE International, Inc.

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