



# General Primer

DS-622.6F-0524

**Globally Proven  
Construction Solutions**



- Retail spaces
- Manufacturing plants
- Food & Beverage manufacturing
- Stadium & event spaces
- Pharmaceutical & research facilities
- Laboratories & clean rooms
- Commercial/Institutional kitchens

### Avantages

- Deep penetrating primer
- Promotes strong substrate and intercoat adhesion
- Helps eliminate outgassing in subsequent coats
- Easy to mix and apply
- Low VOC; complies with SCAQMD VOC requirements
- Direct replacement for NXT Epoxy Primer

### Supports Appropriés (Usage intérieur seulement)

### Conditionnement

General Primer is mixed at 2A:1B by volume.  
 3.3 gal (12.5L) in a 6 gal (22.7L) pail  
 1.7 gal (6.4L) in a 3.5 gal (13.2L) pail

### Couverture approximative

| WFT                   | DFT                   | Coverage (Standard)                                 | Coverage (Porous)                                   |
|-----------------------|-----------------------|---|---|
| 4.0 mils<br>(0.10 mm) | 3.7 mils<br>(0.09 mm) | 401 ft <sup>2</sup> /gal<br>(9.8 m <sup>2</sup> /L) | 300 ft <sup>2</sup> /gal<br>(7.4 m <sup>2</sup> /L) |
| 5.0 mils<br>(0.12 mm) | 4.6 mils<br>(0.12 mm) | 321 ft <sup>2</sup> /gal<br>(7.9 m <sup>2</sup> /L) | 240 ft <sup>2</sup> /gal<br>(5.9 m <sup>2</sup> /L) |
| 6.0 mils<br>(0.15 mm) | 5.5 mils<br>(0.14 mm) | 267 ft <sup>2</sup> /gal<br>(6.6 m <sup>2</sup> /L) | 200 ft <sup>2</sup> /gal<br>(4.9 m <sup>2</sup> /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 porous substrates will significantly decrease coverage and may require a second application.

### Restrictions

- Product is not intended for use as a wear surface.

## 1. NOM DU PRODUIT

General Primer

## 2. FABRICANT

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 Bethany, CT 06524-3423 États-Unis  
 Téléphone: +1.203.393.0010, poste 1235  
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 Télécopieur: +1.203.393.1684  
 Site Web: [laticrete.com](http://laticrete.com)

## 3. DESCRIPTION DU PRODUIT

General Primer is a deep penetrating, low VOC, epoxy primer for use over cement, CMU and other substrates. When combined with proper surface prep, it creates a strong base for SPARTACOTE epoxy and urethane systems by promoting strong substrate and intercoat adhesion while helping to eliminate common issues such as outgassing. Can also be used as a primer for NXT traffic bearing overlays with a sand broadcast.

Note 1: Not recommended for use as a primer direct to polyaspartic coatings.

Note 2: Product was formerly referred to as SPARTACOTE® General Primer

### Utilisation

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

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

#### Mises en garde

- 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](http://www.laticrete.com).
- Wear protective gloves, protective clothing and eye protection.
- Causes skin irritation. May cause an allergic skin reaction. 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.
- If swallowed: Rinse mouth do not induce vomiting. Call a physician immediately.
- Keep out of reach of children.

#### 4. DONNÉES TECHNIQUES

##### Informations COV/LEED sur le produit

78 g/L (as intended for use)

##### Propriétés physiques

| Property         | Test Method | Result                                   |
|------------------|-------------|--|
| Adhesion         | ASTM D7234  | >300 psi (>2.1 MPa)<br>Substrate Failure |
| Tensile Strength | ASTM D2370  | 4,000 psi (27.6 MPa)                     |
| Shore D Hardness | ASTM D2240  | 65                                       |

##### Propriétés d'utilisation

| Property             | Value           |
|----------------------|-----------------|
| % solids             | 92%             |
| Mix Ratio            | 2A:1B by volume |
| Working Time         | 60 minutes      |
| Minimum Re-Coat Time | 6 hours         |
| Maximum Re-Coat Time | 5 days          |

Working properties based on 75°F (24°C) and 50% RH. Changes in ambient conditions may cause times to vary.

Caractéristiques sous réserve de modification sans préavis. Les résultats présentés sont typiques, mais ils reflètent les procédures d'essai utilisées. Les performances réelles sur le terrain dépendent des méthodes de pose et des conditions locales.

#### 5. POSE

##### Surface Preparation - 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.

Concrete must be mechanically profiled to an ICRI CSP-3 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. If wet grinding, allow surface to fully dry prior to coating.

Concrete must be tested for relative humidity (RH) prior to 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, the use VAPOR BAN™ ER or VAPOR BAN E is required.

After priming, SPARTACOTE Epoxy Fill Coat may be applied (see technical data sheet DS 623.3 for application instructions) to fill any substrate defects (voids, bugholes, divots, etc.) that may have been exposed during surface preparation.

##### Surface Preparation - Over existing tile with SPARTACOTE

Refer to TDS 450: Installation Guideline for Installing SPARTACOTE over Existing Tiled Surfaces

##### Mixing

General Primer is mixed at a ratio of 2A:1B by volume.

Prior to mixing, stir individual components to disperse any materials that may have settled.

Combine 2 Parts B to 1 Part A. 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 Coatings:

General Primer may be applied by brush, roller and/or notched squeegee. Suggested application thickness is 4 to 6 mils (0.1 to 0.15 mm) or a spread rate of 267 to 401 sqft/gal for standard concrete or 200 to 300 sqft/gal for porous concrete. Spread primer evenly over all prepared surfaces. Do not allow the primer to puddle.

General Primer may be recoated once the primer is tacky but no longer transfers to a gloved hand, 6 hours minimum. To optimize inter-coat adhesion, 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, consult a

LATICRETE Technical Service Representative; sanding or abrasive blasting may be required.

General Primer is not recommended for use as a primer direct to polyaspartic coatings.

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.

#### Application - NXT Traffic Bearing Overlays:

General Primer may be applied by brush, roller and/or notched squeegee. Suggested application thickness is 6 mils (0.15 mm) or a spread rate of 267 sqft/gal for standard concrete or 200 sqft/gal for porous concrete. Spread primer evenly over all prepared surfaces. Do not allow the primer to puddle.

Apply Epoxy by pouring ribbons onto the prepared concrete and spread using appropriate round or square notch squeegee, or a SPARTACOTE Coating Broom that is designed to apply the desired mil thickness in a single coat. Apply an even coat making sure to cover all areas thoroughly. Immediately following, while epoxy is still wet, use a high quality 3/8" (9 mm) nap non-shedding paint roller to back-roll at 90° from the squeegee direction to help ensure full coverage and uniform thickness.

Working in small sections immediately broadcast clean, dry play sand (00 sand grain size: less than 1/50" or pass 98.5% sieve size #35) into the wet, freshly applied epoxy (approximately 0.5 - 1 lb. of sand per square foot) to the point of refusal completely covering the wet epoxy with sand. Continue this process maintaining a wet edge until entire area is covered. If epoxy dries prior to sand broadcast apply additional epoxy and immediately broadcast sand. Once sanded avoid walking on floor for a minimum 6 hours. Allow sanded epoxy to cure for a minimum of 8 hours then sweep and thoroughly vacuum until all loose sand and dust is completely removed from the surface. Any loose sand on the surface may appear in the finished decorative wear surface.

#### 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.

## 6. DISPONIBILITÉ ET COÛT

### Disponibilité

Les produits LATICRETE® et LATAPOXY® sont proposés dans le monde entier.

### Appeler un des numéros suivants pour obtenir des informations relatives aux distributeurs:

Numéro sans frais: 1.800.243.4788

Téléphone: +1.203.393.0010

Pour obtenir de l'information en ligne de distributeurs, visiter LATICRETE à l'adresse suivante [laticrete.com](http://laticrete.com)

### Coût

Communiquez avec le distributeur LATICRETE le plus proche.

## 7. GARANTIE

Voir 10. SYSTÈME DE CLASSIFICATION:

- 1 Year Product Warranty (US) (English)

## 8. ENTRETIEN

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](http://www.laticrete.com) for more information.

## 9. SERVICES TECHNIQUES

### Soutien technique

Pour tout renseignement, appeler la ligne d'aide du service technique de LATICRETE:

Numéro sans frais: 1.800.243.4788, ext. 1235

Téléphone: +1.203.393.0010, ext. 1235

Télécopieur: +1.203.393.1948

### Documentation technique et de sécurité

Pour obtenir la documentation technique et les consignes de sécurité, visiter notre site Web à [laticrete.com](http://laticrete.com).

## 10. SYSTÈME DE CLASSIFICATION

Des informations supplémentaires sur les produits sont disponibles sur notre site Web à [laticrete.com](http://laticrete.com). Liste des documents connexes:

- DS 230.13: LATICRETE Product Warranty
- TDS 420: SPARTACOTE Floor Maintenance Guide
- DS 623.3: SPARTACOTE Epoxy Fill Coat
- DS 35216: VAPOR BAN ER
- DS 36647: VAPOR BAN E

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