1. PRODUCT NAME
SPARTACOTE™ FLEX PURE™

2. MANUFACTURER
LATICRETE International, Inc.
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Toll Free Fax: 1.855.683.7257
Website: www.laticrete.com

3. PRODUCT DESCRIPTION
SPARTACOTE FLEX PURE is a low VOC and minimal-odor fast-curing two-part polyaspartic aliphatic polyurea sealer/finish coating for both decorative and protective applications. The material is applied in single or multiple coats by brush, roller or squeegee varying thicknesses to a variety of substrates including concrete and metal. It can be applied as a top coat employed within seamless multi-chip/quartz seamless flooring systems. Important characteristics of SPARTACOTE FLEX PURE are its rapid-cure capabilities, high bond strength, UV resistance and excellent color/gloss retention.

SPARTACOTE FLEX PURE provides optimal impact, abrasion, and chemical resistance characteristics. Suitable for high traffic applications. The material is ideal for use as a primer, intermediary coating, or clear topcoat sealer within interior resinous flooring applications requiring minimal installation odor.

Advantages
- Walk-on in hours, 24-hour return to service
- Low VOC
- Excellent abrasion, impact & wear resistance
- UV-Resistant; retains optical clarity of clear sealer/finish
- Low temperature cure (25°F/-4°C)
- Excellent chemical & stain resistance, resistant to Skydrol®
- Resistant to hot-tire pickup

- Micro-Media agents can be introduced as traction additives
- Tolerant to 300°F (149°C) for random, incidental heat contact
- Meets FDA/CFSAN, U.S. Food Code, physical facilities criteria as outlined in 6.100.11 Surface Characteristics USDA acceptable.

Suitable Substrates
- Concrete
- Metal
- Epoxy

Packaging
2 gal (7.6 L) Clear Kits:
Part A: 1 gal (3.8 L)
Part B: 1 gal (3.8 L)

Clear Units:
Part A: 5 gal (18.9 L) pail
Part B: 5 gal (18.9 L) pail

2 gal (7.6 L) Pigment Base Kits:
Part A: Short Filled 0.75 gal (2.8 L) in 1 gal (3.8 L) pail
Part B: 1 gal (3.8 L)

Pigment Base Units:
Part A: Short Filled 3.75 gal (14.2 L) in a 5 gal (18.9 L) pail
Part B: 5 gal (18.9 L)

Approximate Coverage

<table>
<thead>
<tr>
<th>Dry Film Thickness: Mils (mm)</th>
<th>Sq. Ft. Per Coat/Gallon (m²/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 (0.2)</td>
<td>200 (4.9)</td>
</tr>
<tr>
<td>9 (0.23)</td>
<td>178 (4.4)</td>
</tr>
<tr>
<td>10 (0.25)</td>
<td>160 (3.9)</td>
</tr>
</tbody>
</table>

Shelf Life
12 months unopened. Store at 40°F to 75°F (4°C-24°C) in a covered area (out of the sun). Material should be kept in a cool dry place prior to application.

Color
SPARTACOTE FLEX PURE is available in a water-clear gloss finish as well as all standard SPARTACOTE colors, including safety colors.

Limitations
- Not intended for use over countertops
- Material is not intended for areas experiencing significant thermal shock on a continual basis.
- Please note that with all resinous coating systems, exterior full sun environments in warm climates may exhibit above average surface temperatures. This is especially true with darker finishes. As a
result, resinous systems may not be ideally suited for exterior pool
derock applications.

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 depending on the dye system employed are
- Polyaspartic aliphatic polyurea products contain chemical
ingredients that are considered hazardous. Read the container
label warning and SDS prior to use.
- Wear safety eye protection and safety gloves when applying.
Contact with eyes may cause irritation. Flush eyes with water for
15 Minutes, if symptoms persist seek medical attention.
- Tape color transition lines firmly to reduce dye "bleed" under taped
line.
- Material should be kept in a cool dry place prior to application
- Maximum Re-coat time: 24 hours
- Surface temperature will become elevated when exposed to direct
sunlight in warmer climates.
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 decorative flooring
system.

4. TECHNICAL DATA
Applicable Standards and Test Methods
ASTM D638, ASTM D522, ASTM D968

<table>
<thead>
<tr>
<th>Physical &amp; Working Properties</th>
<th>Physical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot Life</td>
<td>15-20 Minutes</td>
</tr>
<tr>
<td>Mixing Ratio</td>
<td>1.0 Part A: 1.0 Part B by Volume</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>4500 to 5000 psi (31 - 34.5 MPa)</td>
</tr>
<tr>
<td>Impact Resistance</td>
<td>Direct/Reverse 160/160</td>
</tr>
<tr>
<td>Sand Abrasion</td>
<td>38 Liters Sand/1 Dry ml (Pigmented)</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notification. Technical data shown in
product data sheets are typical but reflect laboratory test procedures conducted in
laboratory conditions. Actual field performance and test results will depend on
installation methods and site conditions. Field test results will vary due to critical job site
factors. All recommendations, statements and technical data contained in this data
sheet are based on tests we believe to be reliable and correct, but accuracy and
completeness of said tests are not guaranteed and are not be construed as a warranty
or guaranty of any kind. Satisfactory results depend upon many factors beyond the
control of LATICRETE International, Inc. User shall rely on their own information and
tests to determine suitability of the product for the intended use and user assumes all
risk, loss, damage, expense and liability resulting from their direct use, indirect use or
consequential to their use of the product. LATICRETE shall not be liable to the buyer or
any third party for any injury, loss or damage directly or indirectly resulting from use or
inability to use the product.

5. INSTALLATION
Surface Preparation
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. A moisture emission measurement system is necessary to
assess the moisture drive of a concrete slab prior to installation of any
topcoats or coatings. The relative humidity of the slab must not exceed
75% as tested per ASTM F2170 Relative Humidity in Concrete Slab
test. If there is a moisture emission situation in excess of the above
rate, use DRYTEK™ Moisture Vapor Barrier. The application process
will depend on the system being installed, reference appropriate
specification for details. SPARTACOTE™ FLEX PURE™ may be used
as a top-coat or applied direct to concrete. Concrete must be ground
to an ICRI CSP-2 profile or the equivalent of 30-60-grit sandpaper.
This profile is achieved with a surface grinder equipped with metal
bond diamonds.

Mixing
Maintaining a consistent storage temperature prior to application will
maximize working time.

 Pigmented Coatings
Add full contents of SPARTACOTE™ Polyaspartic Pigment pack
directly into short filled Part A Tint Base. Mix pigment into Part A with
a slow speed drill mixer for 2 minutes to fully disperse the aspartic
pigments. Failure to properly mix pigments may lead to an inconsistent
finish and reduced product performance.

Mixing Part A with Part B
Mix part A and part B in equal parts (1:1) using a clean, dry working
vessel. Use a paddle mixer on slow speed for 2 minutes. Avoid over-
mixing or creating a vortex that would introduce air. Do not mix below
the dew point, which will shorten the pot life. No induction time is
required prior to use. If micro-media agents (e.g. SPARTACOTE
Traction Additive) are to be incorporated, they are to be added after
thoroughly mixing A and B.

Application
Suggested application thickness is 8 mils (0.2 mm) or 200 fl. (18.5 m²)
per coat, per gallon. Contact SPARTACOTE directly for specifics on
effective application techniques. Maximum application mil thickness in
a single application is 10 mils (0.25 mm). Material will be dry to the
touch 2-3 hours after application, dependent on ambient temperature,
slab temperature and humidity. Product may be re-coated within 2-24
hours following application. Light foot traffic is acceptable 3 to 4 hours
following application and vehicular traffic is acceptable 24 hours after
application. If using as a top-coat over epoxy, it is critical that the epoxy
not be let down with alcohol during installation or cleaned with alcohol
prior to top-coating. Always apply over Epoxy within the
manufacturer’s recommended re-coat time.

6. AVAILABILITY AND COST
Availability
SPARTACOTE and 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

Cost
Contact a LATICRETE Distributor in your area.

7. WARRANTY
See 10. FILING SYSTEM:
DS 230.13: LATICRETE Product Warranty
DS 200.03: 3 Year Decorative Finish Warranty

8. MAINTENANCE
The long term performance, appearance, and life expectancy of wear
surface products are critically dependence upon a good routine
maintenance program designed specifically for the installed wear surface. SPARTACOTE® polyaspartic and epoxy 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 (e.g. Simple Green®). 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: 1.866.966.1329
Fax: +1.203.393.1948

Technical and Safety Literature
To acquire technical and safety literature, please visit our website at www.laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at www.laticrete.com. The following is a list of related documents:

- DS 230.13: LATICRETE Product Warranty
- DS 200.03: 3 Year Decorative Finish Warranty
- DS 056.0: DRYTEK® Moisture Vapor Barrier
- TDS 420: SPARTACOTE Floor Maintenance Guide

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