1. PRODUCT NAME
SPARTACOTE™ FLEX XT™

2. MANUFACTURER
LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA
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Toll Free: 1.866.966.1329
Toll Free Fax: 1.855.683.7257
Website: www.laticrete.com

3. PRODUCT DESCRIPTION
SPARTACOTE FLEX XT is a low VOC fast-curing two-part polyaspartic aliphatic polyurea sealer/finish coating for protective applications. Used as a top-coat, the material is applied in single or multiple coat applications by brush, roller or squeegee in varying thicknesses to concrete. It can be applied over resinous flooring surfaces such as polyaspartics or epoxies. Important characteristics of SPARTACOTE FLEX XT are its excellent inter-coat adhesion, UV resistance and optimal color/gloss retention.

SPARTACOTE FLEX XT provides superior impact, abrasion, and chemical resistance characteristics. Suitable for high traffic interior or exterior applications, the material is ideal for clear topcoat sealer applications over walkways, commercial applications, industrial facilities, and garage floors.

Advantages
- Excellent abrasion, impact & wear resistance
- UV-Resistant; retains optical clarity of clear sealer/finish
- Short re-coat time: 1-2 hours
- Low temperature cure (-30°F/-34°C)
- Excellent chemical & stain resistance, resistant to Skydrol®
- Resistant to hot-tire pickup
- Micro-Media agents can be introduced as traction additives
- Low VOC content; < 50 g/L
- Tolerant to 300°F (149°C) for random, incidental heat contact

- Meets USDA/CFSAN, U.S. Food Code, physical facilities criteria as outlined in 6.100.11 Surface Characteristics USDA acceptable.

Uses
- Suitable for high traffic
- Interior and exterior applications
- Ideal for clear top coat sealer
- Suitable applications: walkways, commercial applications, industrial facilities, and garage floors

Suitable Substrates
- Concrete
- Epoxy Coatings
- Polyaspartic Coatings

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>
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<tbody>
<tr>
<td>8 (0.2)</td>
<td>200 (4.9)</td>
</tr>
<tr>
<td>9 (0.25)</td>
<td>178 (4.4)</td>
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<tr>
<td>10 (0.25)</td>
<td>160 (3.9)</td>
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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

Colors
SPARTACOTE FLEX XT is available in a clear finish as well as 14 standard SPARTACOTE colors.

Limitations
- Not intended for use over countertops
Not intended for use in areas that experience 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 deck 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 available at www.laticrete.com.
- Polyspartic 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 “bled” under taped line.
- Surface temperature will be 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

Physical Properties

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<tr>
<th>Physical Properties</th>
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<tbody>
<tr>
<td>Pot Life</td>
<td>10-15 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 mil (Pigmented)</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notice. 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 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
Store in a cool, dry place prior to application.

Surface Preparation
Always mechanically prepare (profile) surface. An open, porous surface is necessary for proper bonding. The surface must be deemed structurally and mechanically sound, clean, and dry. Proper surface preparation is required for decorative-concrete, thin-film “Class-A-type” flooring systems or sealer/finish coatings. This is best achieved with mechanical grinding machines using diamond heads achieving a final 30 to 100-grit profile. Recommended surface profile is a CSP-2, Reference ICRI Technical Guideline No. 03732. Surfaces to be coated must be free of sealers, grease and any other contaminants that may impede adhesion. Always check the surface for any bond inhibitors prior to application. Do not use Alcohol to clean or tack substrate or previous coat 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 toppings or coatings. The relative humidity of the slab must not exceed 75% as tested per ASTM F2170 Relative Humidity in Concrete Slabs 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.

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 www.spartacote.com.

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 dependent 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 thorough 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