



SPARTACOTE™ Blended Chip

DS-86.3-0220

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

SPARTACOTE™ Blended Chip

2. MANUFACTURER

LATICRETE International, Inc.

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3. PRODUCT DESCRIPTION

SPARTACOTE Blended Chip (also commonly referred to as flake) provide consistent color and texture to seamless resinous floors as part of the SPARTACOTE CHIP System. Designed to increase durability and longevity while offering a high quality finish, our chips continue to gain popularity among architects, designers, contractors and facility owners. They allow for the customization to commercial, residential and industrial floors with an endless range of colors, styles, textures and sizes.

SPARTACOTE Blended Chip are available in 8 standard blend and 24 made to order blends. Custom color blends area available upon request

Advantages

- Good flexibility and strength
- Easy to install
- Non-flammable
- UV stable pigments

- Fully compatible with polyaspartic, epoxy and urethane resins
- May be used to help hide small substrate imperfections

Suitable Substrates

- SPARTACOTE Polyaspartic Floor Systems
- SPARTACOTE Epoxy Floor Systems
- SPARTACOTE Urethane Cement Systems

Packaging

Vinyl Chip: 55 lb (25 kg) box

Mica Chip: 25 lb (11.3 kg) box

Approximate Coverage

Vinyl Chip

Chip Size	Full Coverage Per lb (kg)	Full Coverage Per box
1/4 inch (6.3 mm)	5-7 ft ² (1.0-1.4 m ²)	275-400 ft ² (26-37 m ²)
1/8" mils (3.2 mm)	4-6 ft ² (0.8-1.2 m ²)	220-330 ft ² (20-31 m ²)
1/16" mils (1.6 mm)	3-5 ft ² (0.6-1.0 m ²)	165-275 ft ² (15-25.5 m ²)

Mica Chip

Chip Size	Full Coverage Per lb (kg)	Full Coverage Per box
4-8 Mesh	15-17 ft ² (1.4-1.8 m ²)	375-425 ft ² (35-39 m ²)

When broadcasting directly into LATICRETE/ SPARTACOTE epoxy resins, allow for up to an additional 20% chip.

Coverage values are approximate and will vary based on surface condition, preparation methods and application technique. Thicker broadcast coats will require additional chip.

Shelf Life

Unlimited. Store at 40°F to 75°F (4°-24°C) in a covered area (out of the sun).

Limitations

- Keep SPARTACOTE Blended Chip out of the sun and at ambient temperature during use. Follow temperature guidelines for specific SPARTACOTE coating being used.
- 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 are available at www.laticrete.com.
- Wear protective gloves, protective clothing and eye protection

4. TECHNICAL DATA

VOC/LEED Product Information

0 g/L

Physical Properties

Vinyl Chip

Property	Value
Size	1/16" - 1/4" (1.6 - 6.4 mm)
Thickness	5 mils

Mica Chip

Property	Value
Size	4-8 mesh
Thickness	5 mils

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

Please consult the SPARTACOTE Application Guide for SPARTACOTE CHIP System prior to use.

Application

SPARTACOTE Blended Chip are compatible with SPARTACOTE polyaspartic, epoxy and urethane resins. See applicable product data sheet for surface preparation requirements and detailed application instructions.

After applying the broadcast coat resin per the instructions on the data sheet and while the material is still wet broadcast chips with either a mechanical sprayer or by hand in a "rainfall pattern" into the wet resin to refusal or rejection (full coverage). There should be no resin showing or visible "wet" areas. If necessary, broadcast additional chip.

Once the broadcast coat has cured, begin removing excess chip media. With an electric leaf blower proceed to blow all the excess/non-adhered chip into piles or towards a corner. Carefully clean up the excess chip and re-box it as it can be used again on future projects.

Using a 12-14" (30.5 -35.6 cm) metal floor scraper proceed to scrape the surface in 3 opposing direction (north/south, east/west, diagonal) ensuring the entire floor receives a uniform scrape. This procedure is critical to a quality finished floor. A poor scrape will result in an uneven finished texture and excess material usage on the top coat. Clean all the chip debris by blowing it into piles with the leaf blower. Clean up the debris and dispose of it in the trash (The scraped chip cannot be re-used on the next job). Blow the floor a second time to ensure all remaining chip debris is off the floor and surface is clean and ready for the top coat.

A grout and/or top coat is required and will provide improved UV stability, abrasion, stain resistance, and chemical resistance. For mica chip systems, a double top coat is recommended. Consult a LATICRETE Technical Service Representative for best options.

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.

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.

7. WARRANTY

See 10. FILING SYSTEM:

- DS.230.13: 1 Year Product 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. STONETECH® Stone & Tile Cleaner). Frequency of washing will vary depending on floor usage type, traffic and age.

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 Literature

To 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: LATICRETE Product Warranty
- TDS 420: SPARTACOTE Floor Maintenance Guide

LATICRETE International, Inc.

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