



Flecks®

Product Data Sheet

Deck Flecks®
Product Data Sheet
rev 091226

PRODUCT DESCRIPTION

Deck Flecks® is a UV-resistant, surface designed for resurfacing new or existing concrete, asphalt, wood, and fiberglass substrates, including cracked substrates. Our unique granulated thermoplastic rubber (TPR) combined with UltraBond® aliphatic urethane binder, creates a durable, non-slip, decorative surface that resists fading and cracking in freeze-thaw environments.

Deck Flecks® is available in 22+ colors that can be blended to create virtual unlimited color combinations, patterns, and designs to meet your project needs and aesthetic preferences.

Deck Flecks® is cooler to the touch than many conventional surfaces, making it an ideal surface for pool decks, patios, walkways, and much more. Deck Flecks® is available in both porous and non-porous applications. Actual performance depends on substrate condition, system configuration, installation, environmental exposure, maintenance, and use.

KEY SYSTEM FEATURES

- Thermoplastic rubber (TPR) wear-course.
- Impact attenuating surface.
- Designed for use around pool decks and walkways to help protect from slip and falls.
- Excellent UV resistance and light stability.
- Non-slip surface characteristics.
- Porous and non-porous finish options.
- Multiple colors may be blended into customer blends, patterns, and designs.
- Designed to resist freeze-thaw environmental cycles.
- No messy demolition, applied over cracked and worn concrete substrates that are structurally sound.

SYSTEM COMPONENTS

Component	Product	Description
Wear Course	Flecks® TPR	1-2mm granulated thermoplastic rubber (TPR)
Wear Course Binder	UltraBond™ AL	Single-Component, moisture cured, aliphatic urethane, resistant to UV and splash and spill chlorinated pool water.
Primer (Cushion Layer & Hard Substrates)	Flecks® Primer	Single Component aromatic primer applied to hard substrates and EnviroFluff® cushion base layer
Trowel Lubricant	Trowel EZ	A dibasic ester mild solvent used as a lubricant when applying Flecks® colored wear course and EnviroFluff® cushion layer
Non-Porous (Impervious) Finish	Flecks® Grout	Two-Component aliphatic urethane, designed to be used to fill in the pores of the Flecks® colored wear course, creating a non-porous/impervious finish
Non-Porous (Impervious) Finish Sealcoat	Flecks® Sealcoat	Two-Component aliphatic urethane, designed to be used as a thin topcoat applied as a final finish onto a grouted Flecks® colored wear course, creating uniform finish

Flecks Systems, Inc.

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PHYSICAL PROPERTIES

Property	Listed Value
Elongation	300%
Tensile Strength	25 mPa
Hardness Shore A	65
Density	48 lbs. cu ft.

MECHANICAL PROPERTIES

- Compression Set: Excellent
- Rebound Rating: Good to Excellent
- Flexural, Crack Resistance: Good to Excellent
- Shrinkage Resistance: Excellent
- Abrasion Resistance: Good
- Tear Resistance: Good
- Impact Resistance: Good to Excellent
- Flame Resistance: Good

TECHNICAL PROPERTIES

Property	Specification / Value
Particle Size	1mm – 2mm
Composition	TPR (Thermoplastic Rubber)
Deck Flecks® Wear Course Mixing Ratio	45 lb. bag to 4 quarts of UltraBond™ single-component aliphatic urethane binder
Deck Flecks® Spread Rate	36 - 38 sq. ft. per bag at 3/8-inch thickness
Flecks Grout Mixing Ratio and Spread Rate	Mix Flecks® Grout: 3A to 2B. One gallon of mixed Flecks® Grout will cover 40-50 sq. ft.
Flecks Sealcoat Mixing Ratio and Spread Rate	Pre-Mix Flecks® Sealcoat 1A to 1B. Add 0.5 Parts Trowel EZ and Mix. One gallon of mixed Flecks® Sealcoat will cover 200 - 300 sq. ft.

ENVIRONMENTAL RESISTANCE

- Thermal Shock: Excellent
- Ozone Resistance: Excellent
- UV Resistance / Light Stability: Excellent
- Chlorinated Water Resistance: Fair
- Oxidization Resistance: Good
- Chemical Resistance: Good
- Radiation Resistance: Good
- Non-Leaching: Excellent

COLORS & DESIGN

Deck Flecks® is available in multiple colors that can be blended to create color combinations, patterns, and designs. Refer to the current Flecks® color chart for available colors.

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FINISH OPTIONS

- Porous Finish: The standard Deck Flecks® system is a porous finish.
- Non-Porous (Impervious) Finish: Deck Flecks® colored wear course finished with Flecks® Grout and Flecks® Sealcoat to create a non-porous surface.
- Finish selection should consider state and local health codes for pool deck surfacing, drainage, substrate pitch, and project-specific design conditions.

INSTALLATION

- Install only over properly prepared, structurally sound, clean, dry, and suitable substrates.
- Concrete Substrates shall be properly cured and prepared in accordance with current Flecks® Systems, Inc. manufacturer specifications.
- Deck Flecks® shall be installed as a complete poured-in-place system by Flecks® trained installers in accordance with current Flecks Systems, Inc. installation procedures, included as part of Flecks® Systems, Inc. manufacturer specifications.
- Do not alter mixing ratios, component substitutions, or installation procedures without written approval from Flecks Systems, Inc.

PERFORMANCE / TESTING

Deck Flecks® performance characteristics stated in this Product Data Sheet are based on manufacturer product information.

MAINTENANCE & CARE

Proper maintenance is essential to maximizing the service life, performance, and appearance of a Deck Flecks® surface. For recommended cleaning procedures, approved cleaning methods, and routine maintenance requirements, please refer to the Flecks Systems, Inc. Maintenance & Care Guide.

WARRANTY

Refer to current Flecks Systems, Inc. warranty documentation for applicable warranty terms and limitations.

IMPORTANT NOTICE

The technical information, product properties, performance data, mixing ratios, and coverage rates stated in this Product Data Sheet are based on manufacturer product information as of the revision date. Actual field performance may be affected by substrate conditions, training, installation, environmental conditions/exposure, maintenance, use, workmanship, and other site-specific factors.

Always use the most current Flecks Systems, Inc. installation instructions, technical documentation, safety data sheets, warranty and maintenance documents, and approved system details. Product data and installation requirements are subject to change without notice. This Product Data Sheet does not constitute a guarantee of project-specific performance or suitability for a particular application.

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