



FLECKSCAST®

Product Data Sheet

Flecks® Rubberized Broadcast System

FlecksCast™
Product Data Sheet
rev 091326

PRODUCT DESCRIPTION

FlecksCast™ is a U.V. resistant non-porous system applied over new or old cracked concrete, asphalt, wood, and fiberglass substrates. Our unique granulated thermoplastic rubber fines are broadcast to excess into our two-part urethane basecoat. Once cured overnight, the excess TPR Fines are removed and Flecks® Sealcoat is applied to create an excellent non-slip, safe, non-porous surface which will not fade or chalk.

FlecksCast™ is used indoors at health and athletic club locker rooms, shower/bathrooms as well as outdoors on warning tracks at football stadiums/sports stadiums, walkways, patios, balconies, and various other indoor and outdoor applications where a durable, non-porous, slip resistant surface is needed.

FlecksCast™ can be customized by using vinyl colored flake chips in place of TPR fines. This will create decorative surface while still providing a non-slip orange peel like finish that is ideal to use in areas with high traffic due to its durability and cleanability.

KEY SYSTEM FEATURES

- U.V. resistant, non-porous system
- Durable, non-slip surface
- Suitable for new or old cracked concrete, asphalt, wood, and fiberglass substrates
- Available in 22+ colors with unlimited blending options
- Two finish options: High Wear and Comfort
- Customizable with vinyl colored flake chips
- Resistant to chlorinated water

SYSTEM COMPONENTS

Component	Product	Description
Broadcast Medium	Flecks® TPR Fines	0.5 – 1.5mm granulated thermoplastic rubber (TPR) fines
Basecoat	Flecks® Basecoat A/B Kit	Two-component, polyurethane membrane
Primer	Flecks® Epoxy Primer	100% Solids, two-part moisture vapor barrier epoxy designed for green and damp concrete.
Topcoat/Sealcoat	Flecks® Sealcoat	Two-component aliphatic urethane topcoat/sealcoat
Vinyl Colored Flake Chips	Optional	Decorative vinyl colored flake chips, particle sizes 1/8" and 1/16"

PHYSICAL PROPERTIES

Property	Listed Value
Elongation (ASTM D412)	340 %
Tensile Strength (ASTM D412)	3200 psi
Density (Basecoat)	9.7 lbs./gal
Tear Strength	360 pli
Hardness Shore A	80

Flecks Systems, Inc.

870 Route 530, Suite 5 • Whiting, NJ 08759

(P) 732-569-6161 • (833) 435-3257 • (F) 732-408-6180

info@FlecksSystems.com • www.FlecksSystems.com



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MECHANICAL PROPERTIES

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

TECHNICAL PROPERTIES

Property	Specification / Value
TPR Fines Particle Size	0.5mm – 1.5mm
Composition	Urethane Primer, Urethane Basecoat, TPR (Thermoplastic Rubber) Fines, Aliphatic Two-component urethane Topcoat/Sealcoat
Vinyl colored flake chips Particle Size	1/8" and 1/16"
Overall System Thickness	1/8" and 1/4"
Spread Rate	Varies upon thickness applied
Basecoat Pot Life	30-40 minutes
Cure Times	18-24 Hours to reach 70-75 Shore A, 12-18 hours before recoating

ENVIRONMENTAL RESISTANCE

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

COLORS & DESIGN

FlecksCast[™] TPR Fines are available in 22+ different colors that can be blended to create color combinations, patterns, and designs. Refer to the current Flecks[®] color chart for available colors.

FINISH OPTIONS

FlecksCast[™] is available in two different finishes:

- FlecksCast[™] High Wear: Ideal for walkways, corridors, stadium warning tracks where a non-slip, durable surface needs to hold up to cleats, forklift traffic, wheel carts and other high traffic areas.

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- FlecksCast™ Comfort: For outdoor and indoor areas such as pool decks, locker rooms, health and athletic clubs, walkways, patios, breezeways, and other applications where a flexible and durable, non-slip surface is needed while being comfortable for barefoot traffic.

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.
- FlecksCast™ shall be installed as a complete system by Flecks® trained installers in accordance with Flecks Systems, Inc. installation procedures.
- Do not alter mixing ratios, component substitutions, or installation procedures without written approval from Flecks Systems, Inc.

MAINTENANCE & CARE

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

WARRANTY

This document serves as a guideline only. Flecks Systems, Inc. makes no warranties, express or implied, regarding merchantability or fitness for a specific purpose. Users should evaluate suitability for their specific applications through independent testing and research.

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

IMPORTANT NOTICE

The technical information, product properties, performance data and coverage rates stated in this Product Data Sheet are based on manufacturer product information. Actual field performance may be affected by substrate conditions, training, installation, environmental conditions/exposure, maintenance, use and other site-specific factors. Always use the most current Flecks Systems, Inc. installation instructions and technical documentation.

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