



## Product Data Sheet

Flecks Basecoat  
Product Data Sheet  
rev 091326

### PRODUCT DESCRIPTION

Flecks® Base Coat A/B Kit is a two-component, polyurethane elastomeric membrane. It is TDI, mercury, and heavy metal free, eliminating the regulatory problems and construction site hazards associated with products containing these materials.

Flecks® Base Coat A/B Kit exhibits excellent adhesion to a variety of substrates and other Flecks® Systems polyurethane materials. Flecks® Systems data sheets should be consulted for specific priming, substrate, and substrate preparation information.

Flecks® Base Coat A/B Kit incorporates the latest manufacturing and polymer technology to overcome many of the problems commonly associated with currently available two-component TDI and mercury free elastomeric flooring compounds.

### PHYSICAL PROPERTIES

| Property                     | Listed Value                      |
|------------------------------|-----------------------------------|
| Available Colors             | Grey & Natural (Tan)              |
| Elongation (ASTM D412)       | 340 %                             |
| Tensile Strength (ASTM D412) | 3200 psi                          |
| Density                      | 9.7 lbs./gal                      |
| Tear Strength                | 360 pli                           |
| Hardness Shore A             | 82                                |
| Mix Ratio (Weight)           | 2.8 parts A : 1 part B            |
| Mix Ratio (Volume)           | 3 parts A : 1 part B              |
| Packaging                    | 50 lbs. kits                      |
| Mixed Application Pot Life   | 30-40 minutes                     |
| Cure Time                    | 18-24 hrs. to reach 70-75 Shore A |

### 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

#### 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](mailto:info@FlecksSystems.com) • [www.FlecksSystems.com](http://www.FlecksSystems.com)

## Product Data Sheet

**Flecks Basecoat**  
**Product Data Sheet**  
rev 091326

### TECHNICAL PROPERTIES

| Property                 | Specification / Value                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Composition              | Aromatic Urethane Basecoat                                                                                              |
| Overall System Thickness | Varies by Flecks® System                                                                                                |
| Spread Rate              | Varies upon thickness applied. See Flecks® Systems' product sheet for specific system Flecks® Basecoat will be used in. |
| 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 | • Chemical Resistance:  | Good to Excellent |
| • Ozone Resistance:                | Excellent | • Radiation Resistance: | Excellent         |
| • UV Resistance / Light Stability: | Poor      | • Moisture Resistance:  | Excellent         |
| • Chlorinated Water Resistance:    | Good      | • Non-Leaching:         | Excellent         |
| • Oxidization Resistance:          | Good      |                         |                   |

### COLORS & DESIGN

Flecks® Basecoat is not a UV Resistant urethane basecoat. A full broadcast medium or a UV resistant pigmented coating is required.

### FINISH OPTIONS

- FlecksCast™ colored TPR fines and Flecks® Sealcoat.
- Flecks UltraCoat™, an ultra-tough, non-slip, rubberized all-purpose coating can be applied directly onto Flecks® Basecoat without broadcast medium, to create a non-slip, flexible high build urethane system.
- Flecks® Polyaspartic Topcoat is used for applications with limited down time.

### INSTALLATION

- Prepare substrate to Flecks® Systems standards.
- Apply Flecks® Epoxy Primer (MVB)
- Pre-mix Flecks® Base Coat A/B kit components thoroughly to re-disperse any settling that might have occurred during storage.
- Add Flecks® Base Coat Part B into Base Coat Part A using an electric mixer or an air mixer with a blade size suitable for the container being used. Avoid excess addition of air and atmospheric moisture during mixing.
- Pour A and B mixture into a fresh container, scraping down sides and bottom of container and mix for a short period (approximately 15 - 20 seconds).
- Pour mixed Basecoat onto prepared substrate.

**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](mailto:info@FlecksSystems.com) • [www.FlecksSystems.com](http://www.FlecksSystems.com)



## Product Data Sheet

**Flecks Basecoat**  
**Product Data Sheet**  
rev 091326

- Spread to desired thickness using notched squeegee.
- Let cure for 12-18 hours before recoat or application of topcoats.
  - For applications using broadcast medium (Flecks® TPR Fines, Vinyl Flake Chips), broadcast into Basecoat after applied and then let cure.

### MAINTENANCE & CARE

Proper maintenance is essential to maximizing the service life, performance, and appearance of a Flecks® Systems 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.

#### **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](mailto:info@FlecksSystems.com) • [www.FlecksSystems.com](http://www.FlecksSystems.com)