



Product Data Sheet

Flecks® Base Coat A/B Kit
Product Data Sheet
rev 111722

Product Description:

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

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.

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:

1. Available Colors: Natural (Tan) & Grey
2. Elongation (ASTM D412): 340%
3. Tear Strength (ASTMD624): 360 pli
4. Tensile Strength (ASTM D412): 3200 psi
5. Hardness (Shore A): ~82
6. Density (lbs./gal): ~9.7
7. Mix Ratio (weight): 2.8 parts (A) : 1 part (B)
8. Mix Ratio (volume): 3 parts (A) : 1 part (B)
9. Packaging: 50 lb. kits
10. Mixed Application Pot Life: 30-40 minutes
11. Cure Time: 18-24 hrs. to reach 70-75 Shore A

Application Guidelines

1. Prepare substrate to **Flecks® Systems** standards.
2. Pre-Mix **Base Coat A/B kit** components thoroughly to re-disperse any settling that might have occurred during storage.
3. Add **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.
4. 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).
5. Pour mixed Basecoat onto prepared substrate.
6. Spread to desired thickness using notched squeegee.
7. Broadcast **Flecks® Thermoplastic Rubber (TPR) Fines** to excess using a spread rate of 1 lb./ sq. ft.
 - a. Vinyl Colored Flake Chips may be used as an alternative broadcast medium.
8. Let Cure for 12-18 hours before recoating or application of topcoats.



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9. Remove excess **Flecks® TPR Fines/Vinyl Colored Flake Chips**. (**Broadcast Medium** can be reused if clean and free of any dirt, debris and/or contaminants)
10. Apply **Flecks® Sealcoat** at a rate of 50-75 sq. ft./gal using a hard rubber (grey) squeegee. Tightly squeegee down **Flecks® Sealcoat** and back roll using a 3/8" to 1/2" Napth Roller to achieve spread rate and an even finish. (For a smoother finish apply a second top-coat approximately 100-150 sq. ft. per gallon.)
 - a. Spread rates will differ when using Vinyl Colored Flake Chips. Contact Flecks Systems, Inc. for more details.

Optional Topcoats:

11. **Flecks® Polyaspartic Topcoat** is used for applications with limited down time.
12. **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 urethane system.

Notes:

- Use only **Flecks® Systems** approved coatings
- Keep track of your spread rates to ensure proper thickness is applied.

CAUTION

Base Coat A/B Kit contains a polymeric isocyanate. Do not breath vapors. Use with adequate ventilation. Do not get in eyes or on skin or clothing. In case of skin contact, wash immediately with soap and water. In case of eye contact, flush eyes with water for fifteen minutes to obtain prompt medical treatment. *Refer to SDS's for more information.*

Storage

Base Coat A/B Kit should be stored in cool, dry surroundings. Avoid prolonged storage at temperatures over 90°F or below 40°F. Under conditions of proper storage, storage life of **Base Coat A/B Kit** in original, factory sealed containers is 12 months.