



Product Data Sheet

Flecks Polyaspartic Topcoat
Product Data Sheet
rev 042520

Product Description:

Flecks Polyaspartic Topcoat is a 90% solids coating that provides application capability up to 20 mils, versatility for interior or exterior use with outstanding durability and protection for resistance to chemicals, stains, and damaging UV's. It is used as a seal coat/topcoat over FlecksCast™ flooring and as a clear or pigmented basecoat/topcoat for traditional flake/quartz broadcast floors, and pigmented floor coatings, providing a faster return-to-service than your typical epoxy and urethane coatings.

Principal Characteristics:

- Low VOC, 90% Solids
- Application down to 35°F (2°C)
- Outstanding weather resistance with excellent color and gloss retention
- Tough, flexible and abrasion resistant
- Available in Fast Cure, Medium Cure and Slow Cure.

Typical Uses:

- Cafeterias
- Commercial/Food processing kitchens
- Residential and Commercial Garage Floors
- Exterior walkways, pool decks, and other areas with UV exposure
- Industrial and commercial warehouses

Physical Properties:

1. Available Colors: Clear
2. Recommended dry film thickness: 10.0 – 20.0 mils, depending on the system.
3. Ultimate Elongation: 2.4%
4. Compressive Strength (ASTMD695): 12,000 psi
5. Tensile Strength (ASTM D638): 3900 psi
6. Hardness (Shore A): ~80
7. Density (lbs./gal): ~8.5
8. Mix Ration (volume): 1 parts (A) : 1 part (B)
9. Packaging: Part A - 44 lb. pails, Part B – 45 lb. pails.
10. Mixed Application Pot Life (Medium Cure): 30-40 minutes @ 72°F (22°C)
11. Cure Times @ 72°F (22°C):
 - a. Tack Free (Dry to Touch): 3-4 hours
 - b. Dry to walk on: 12 hours
 - c. Resistant to vehicular traffic: 24 hours
 - d. Recoat or Topcoat: 4 hours



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- e. Maximum Recoat: 24 hours. Recoating after maximum recoat hours requires surface abrasion to ensure proper adhesion.

Instructions for Use:

Application Equipment:

- Squeegee: Flat or notched rubber squeegee with EPDM rubber blade.
- Rollers: 3/8" lint-free roller with phenolic core for back-rolling.

Application Procedure:

- Prepare substrate to **Flecks® Systems** standards.
- Using either a flat or notched squeegee, spread the mixed material to a uniform thickness. Apply sufficient pressure to work the material into the porous surface.
- As material is being spread with the squeegee, an applicator wearing spiked shoes should immediately back-roll and cross-roll the material with a clean, lint-free 3/8" roller. Finish by uniformly tipping off the surface with the roller in one direction.
- The material can be applied up to 20 wet mils, but two thin coats of up to 10 wet mils may be easier to work.
- In hot or humid conditions, apply via 18" roller in a dip and roll method from a roller pan. This material will cure faster with exposure to moisture in the air.
- To avoid visible differences in texture or mix-to-mix "tie-ins" – do not exceed 5-10 minutes from one mix to another. Use joints as natural breaks to divide sections of the floor.

Notes:

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

Storage

Store product at normal room temperature before using. Continuous storage should be between 60 and 90°F. Low temperature or temperature fluctuations may cause crystallization.