



**COATINGS SOLUTIONS**

**HIGH PERFORMANCE**

# Technical Data Sheet

3150 County Line Rd, STE 4

Lakeland, FL 33811

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## FAST CURE 100% SOLIDS EPOXY

### Description:

Fast Cure 100% Solids Epoxy is a rapid curing two component high gloss floor coating. Formulated to cure in 60-90 min enable contractors to finish floors in one day. Also will cure at temps down as low as 40F. Two parts epoxy resin to One-part epoxy hardener.

### Typical Applications:

Retail and Commercial Flooring

Garage and Showroom Floors

High-Traffic Warehouse

Restaurant & Kitchen Floors (food grade)

### Approved Topcoats:

Tru-Alpha Polyurethane and Polyaspartic. Also approved for wood and laminate counter tops.

### Surface Prep & Priming:

Grind concrete floors to CSP-3, vacuum dust, wipe with Denatured alcohol. Fast Dry 100% Solids Epoxy is self-priming

### Mixing:

Add Part B to Part A Mix for 2 minutes with mechanical mixing. Wearing spike shoes immediately pour mixed material on the floor.

### Metallic Epoxy Applications:

Can be used to prime for Metallic Epoxy Floors.

### Application:

Pour mixed material on the floor in 12" ribbons. While wearing spiked shoes back roll with lint-free 3/16" epoxy roller. Recommend mixing half kits.

### Coverage:

1 gallon will cover approximately

Primer on Porous Concrete 150-200 sq.ft./gal.

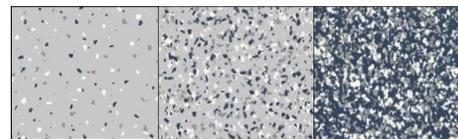
Pigmented receiver coat for vinyl chips 160-180 sq.ft./ga

Best if applied at temperatures between 40-90F.

### Broadcasting Vinyl Chips:

Apply pigmented epoxy basecoat at 150 sq.ft. per gallon

Calculate Vinyl flake on 250 sq.ft.



Light 1lb. Heavy 4lbs. Full 25lbs.

After epoxy is spread and back rolled divide chips in equal portions then throw vinyl chips upwards let them drop in the wet epoxy. Let cure 24hrs. Then scrap and vacuum up loose flakes. After scrapping and vacuuming several times. Apply coat of Tru-Alpha Polyaspartic Clear Finish coat using a magic trowel pull seal coat across the flake at 180 sq. ft per gallon. Tru-Alpha Water-based Urethane Gloss or Matte also great option for interior applications or low odor is a requirement.



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### Dry time & Recoat:

Tack free/foot traffic: 1-2 hrs. Recoat 12-24 hrs.  
Heavy foot traffic 6 hrs. Vehicular Traffic 6 hrs.

Lightly sand the surface and wipe down with denatured alcohol or acetone before applying additional coats or finish coats.

### Exterior Applications:

Unless installed as a primer with pigmented Urethane Topcoats. Not recommended as clear epoxy will amber.

### Physical Properties:

Viscosity Mixed	Brookfield	900 cps
Shore-D Hardness	ASTM D2240	89-91
Compressive Strength	ASTM D695	12,500 psi
Adhesion to Concrete	ASTMD 4541	600psi
Tensile	ASTM D638	3550 psi
Flexural Modulus	ASTM D790	4700 psi
Koenig Hardness	ASTM D4366	145
Tabor Abrasion	ASTM D4060	22 mgs lost
Coefficient of Friction	ASTM 2047	< .60
VOC	< less than 50 grams/liter	

### Chemical Resistance ASTM D-1308

Acetic Acid	Y
Acetone	N
Ammonia 30%	Y
Anti-Freeze	Y
Animal Urine	Y
Brake Fluid	Y
Chlorine	Y
Chromic Acid 10%	Y
Gasoline	Y
Hydraulic Fluid	N
Hydrochloric Acid 35%	N
Hydrofluoric Acid	N
Hydrogen Peroxide	Stain
Methyl Ethyl Ketone	N
Methanol	N
Methyl Chloride	N
Mineral Spirits	Stain
Motor Oil	Y
Mustard	Stain
Nitric Acid	N
Orange Juice	Y
Phosphoric Acid	Y

Silver Nitrate	Y
Skydrol	Stain
Sodium Hydroxide (Caustic)	Y
Sodium Hypochlorite (Bleach)	Y
Sulfuric Acid 10% (Battery Acid)	Y
Windshield Wiper Fluid	Y

### Available Kit Sizes:

30-ounce, 3-quart, 3 gallon and 15 gal kits

### Handling, Storage, Disposal & Clean-up:

May irritate eyes wear gloves

Store in clean dry area do not freeze

Dispose in accordance with all state local and federal laws

Clean-up tools and equipment with xylene

### Regulatory

Less than 50 grams/liter

Meets all VOC categories in US and Canada

Contributes to Lead

**Warranty:** Material only if proven defective, no labor



*Fast Cure 100% Solids Epoxy*