



# Technical Data Sheet

455 Satellite Blvd  
Suwanee, GA 30024

[www.GranQuartz.com](http://www.GranQuartz.com) - Office: 800-458-6222

## FAST CURE 100% SOLIDS MVB

### Description:

FAST CURE 100% Solids MVB Epoxy is a rapid curing two component high gloss floor coating. Formulated to cure in 2 hours to 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:

Polyaspartic and Urethane WB. 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 MVB 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:

Fast Cure primer 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

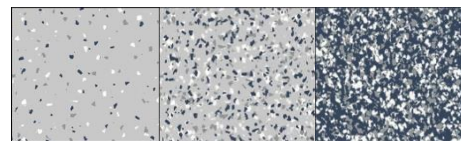
Primer on Porous Concrete 150-200 sq.ft./gal.

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

Best if applied at temperatures between 40-90F.

### Broadcasting Vinyl Chips:

Apply basecoat at 150 sq.ft. per gallon



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 2-4 hrs. Then scrape and vacuum up loose flakes. After scraping and vacuuming several times. Apply coat of Polyaspartic Clear Finish coat using a magic trowel pull seal coat across the flake at 180 sq. ft per gallon. Water-based Urethane Gloss or Matte also great option for interior applications or low odor is a requirement.



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## Drytime & Recoat:

Tack free/foot traffic: 1-2 hrs. Re-coat 1-4 hrs.

Heavy foot traffic 12 hrs. Vehicular Traffic 24 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 Shore-	Brookfield	900 cps
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	
Moisture Vapor Barrier	rated for 24 PSI of vapor pressure	

## 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:

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



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