COATINGS SOLUTIONS
HIGH PERFORMANCE

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Tru-Alpha Polyaspartic Concrete Floor System

Description:

Tru-Alpha Polyaspartic is a fast drying high-gloss two component floor coating system. Easy mix ratio One-part resin to One-part catalysts by volume. Project can be completed same day then full traffic in 24hrs.

Typical Applications:

Retail and Commercial Flooring

Garage and Showroom Floors

High-Traffic Applications

Approved on wood floors and concrete countertops

Surface Prep & Priming:

Grind concrete floors to CSP-3, vacuum dust, wipe down with denatured alcohol. If moisture is present floor may require application of an Epoxy-Silane Moisture Mitigating Primer at spread rate of 150-180 sq. ft. per gallon. (See product label for further instruction.)

Mixing:

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

Pigmented Applications:

Using a volumetric container measure 64 oz. of Clear Part A then add 64 oz. of Part B catalysts. Add 16oz of Tru-Alpha Polyaspartic color-pack. Mix for 2 minutes. Continually sweep sides and bottom of container. This will yield a 144 oz of pigmented coating.

Application:

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

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./gal Metallic Floors 200 sq.ft./gal
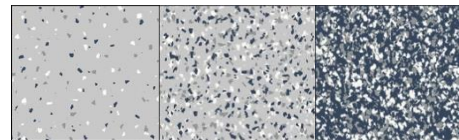
Finish coat on flake floors 150-180 sq.ft./gal.

Best if applied at temperatures between 35-90 degrees Fahrenheit.

Broadcasting Vinyl Chips:

Apply pigmented basecoat at 180 sq.ft. per gallon

Vinyl flake required per 250 sq.ft.

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

After basecoat is spread and back rolled divide chips in equal portions then throw vinyl chips upwards let them drop in the wet basecoat. Let cure 1-2hrs. Then scrap and vacuum up loose flakes. After scrapping and vacuuming several times. Apply coat of Premium Polyaspartic Clear Finish coat using a magic trowel pull tight at 180 sq. ft per gallon. No need to back roll this coating will melt flakes down and self-level.

Dry time & Recoat:

Tack free/foot traffic: 4-6 hrs.   Recoat 1-24 hrs.
Heavy foot traffic 48 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:

Recommended will not amber.

Physical Properties:

Viscosity Mixed	Brookfield	700-1000 cps
Solids by Weight	ASTM D2369	72
Shore-D Hardness	ASTM D2240	65
Compressive Strength	ASTM D695	6,000 psi
Adhesion to Concrete	ASTMD 4541	700 psi
Tensile	ASTM D638	3850 psi
Koenig Hardness	ASTM D4366	160
Tabor Abrasion	ASTM D4060	7 mgs lost
Coefficient of Friction	ASTM 2047	< .60
VOC		< less than 250 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	Y
Methanol	Y
Methyl Chloride	N
Mineral Spirits	Y
Motor Oil	Y
Mustard	Y
Nitric Acid	N
Orange Juice	Y
Phosphoric Acid	Y
Silver Nitrate	Y
Skydrol	Y
Sodium Hydroxide (Caustic)	Y
Sodium Hypochlorite (Bleach)	Y
Sulfuric Acid 10% (Battery Acid)	Y
Windshield Wiper Fluid	Y

Available Kit Sizes:
2 gallon and 10 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 250 grams/liter

Meets VOC categories in US and Canada

(**Not approved for sale in California**)

Contributes to Leed

Warranty:

Material only if proven defective, no labor