



Technical Data Sheet Water Based Epoxy

Product Description

One Stop Epoxy Water-Based Epoxy is a self-priming two component concrete floor system. Also provides a tough waterproof and scratch resistant interior concrete block wall coating system. Three parts resin to One part epoxy hardener. Pre-pigmented kits available.

Surface Prep & Priming:

Grind concrete floors to CSP-3, vacuum dust, and wipe with Denatured alcohol to remove ALL dust.

DO NOT MIX BASE AND ACTIVATOR BEFORE READING THIS SECTION IN IT'S ENTIRETY

Mixing - NEVER THIN THIS PRODUCT

Step 1

If pre-pigmented, blend bucket of BASE Epoxy for 1 minute.

Step 2

Pour your Part B and Part A in a larger bucket and mix 1 gallon kits for 2 minutes with a paddle mixer. When mixing 2 or more gallons together use a [Cage Mixer](#) and mix for 2 minutes.

Application

Pour the mixed material on the floor while wearing spiked shoes and spread with a flat squeegee. For smaller projects you may utilize a paint tray and dip and roll using a ¼" nap epoxy roller (de-shed prior to use). If so desired you may backroll prior to product becoming tacky. This will help you to avoid roller lines.

Coverage

One Stop Epoxy Water Based Epoxy Approximate Coverage:

Primer on Porous Concrete:	200 - 250 SFPG
Flake Floor Base:	200 – 250 SFPG
Finish Coat:	250 – 300 SFPG

Best if applied at temperatures between 55-90 degrees Fahrenheit.

Dry Time and Recoat

Tack free/foot traffic: 12 hrs.

Recoat time is 24 hours

Heavy Foot Traffic in 48 hours

Vehicular traffic 72 hours (3 days)

Before recoating, applying additional epoxy coats, or finish coats, it is necessary to sand the surface with 80 – 150 mesh sanding screen, vacuum, and wipe the surface down with denatured alcohol or acetone to achieve proper bonding.

Approved Topcoats:

One Stop Epoxy Water Based Epoxy is approved for use with One Stop 100% Solids Epoxy , One Stop 150FC, Metallic Dream Epoxy, One Stop Epoxy Urethane -WB and PolyGloss 85 topcoats. **ALWAYS SAND BETWEEN COATS**

Physical Properties:

Viscosity Mixed	Brookfield	90-93 ku
Adhesion to Concrete	ASTMD 4541	600psi
Koenig Hardness	ASTM D4366	115
Tabor Abrasion	ASTM D4060	32 mgs lost
Coefficient of Friction	ASTM 2047	< .60
VOC	< less than 250 grams/liter	

Chemical Resistance

Acetic Acid	Y	Methanol	N
Acetone	N	Methyl Chloride	N
Ammonia 30%	Y	Mineral Spirits	Stain
Anti-Freeze	Y	Motor Oil	Y
Animal Urine	Y	Mustard	Stain
Brake Fluid	Y	Nitric Acid	N
Chlorine	Y	Orange Juice	Y
Chromic Acid 10%	Y	Phosphoric Acid	Y
Gasoline	Y	Skydrol	Stain
Hydraulic Fluid	N	Sodium Hydroxide (Caustic)	Y
Hydrochloric Acid 35%	N	Sodium Hypochlorite (Bleach)	Y
Hydrofluoric Acid	N	Sulfuric Acid 10% (Battery Acid)	Y
Hydrogen Peroxide	Stain	Windshield Wiper Fluid	Y
Methyl Ethyl Ketone	N		

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 Denatured Alcohol, Xylene, or Acetone

Regulatory

Less than 250 grams/liter

Meets all VOC categories in US and Canada

Contributes to Leed

Warranty: MATERIAL ONLY IF PROVEN DEFECTIVE, NO LABOR – SEE BELOW

One Stop Epoxy

6422 Milner Boulevard, suite 101, Orlando, FL. 32809 USA

(407)352-7653

<https://onestopepoxy.com/>

IMPORTANT NOTICE:

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

In no event shall we be liable for any direct, indirect, incidental, consequential, or punitive damages arising out of or related to the use or inability to use our products or the information provided. **OUR TOTAL LIABILITY IS LIMITED TO THE AMOUNT YOU PAID FOR THE PRODUCTS OR, AT OUR DISCRETION, THE REPLACEMENT OF THE PRODUCTS IF AND ONLY IF THE MATERIAL IS PROVEN TO BE DEFECTIVE.** By accepting and using our products, you agree to release us from any claims, demands, or liabilities, including those arising from the use of the products for any purpose other than intended. No representative is authorized to make any additional representations, warranties, or assumptions of liability on our behalf in connection with the sale or use of our products.