

Countertop Epoxy

Description:

100% Epoxy high-gloss two component counter-top system.

One part epoxy resin

One-part epoxy hardener by volume.

Typical Applications:

Retail and Commercial Counter and Bar tops

Residential Laminate Makeovers

Approved Topcoats:

Water-Based and 100 solids Urethane. Also approved for wood and laminate countertop

Surface Prep:

Refer to TDS before proceeding.

Priming: Self-Priming as clear. Metallic applications recommend a black or contrasting opaque primer. Refer to technical data sheet for application information

Mixing:

Partial kits: If mixing less than a full kit, mix one Part A to one Part B by volume at low speed mixer for two minutes to ensure material is homogenous. Avoid whipping air into the coating. Improper mixing may result in product outgassing.

Metallic Pigments: Add metallic pigment to Part A while mixing let sit minimum 4 hours for best results to fully wet out pigment before adding Part B.

Application: Immediately pour mixed material on the countertop. This will extend working time. Then spread mixed material using a notched squeegee. back-roll evenly using a shred free ¼" nap epoxy roller to a desired thickness. Use torch to remove air bubbles.

Metallic Application: Prime with black water-based epoxy or 100 solids epoxy. After metallic pigment has been properly dispersed add Part B after mixing pour mixed material on the countertop and spread using notched squeegee then finish with a magic trowel for a mirror finish. Roller not recommended. Create effects by combining two or more colors using a magic trowel. Moonrock or 3d effects can be created by lightly spritzing denatured alcohol into wet metallic epoxy.

Coverage: 1 gallon will cover approximately
Primer on concrete or laminate 250-400 sq.ft./gal.

Pigmented receiver coat for granite dust 250-375 sq.ft./gal

Metallic Countertops 55-65 sq.ft./gal

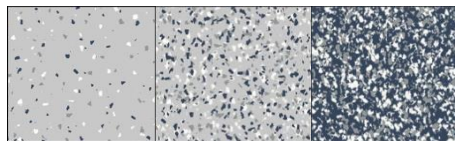
Clear finish coat 150-180 sq.ft./gal.

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

Broadcasting Granite Dust for Stone Finish:

Apply pigmented epoxy basecoat at 180 sq.ft. per gallon

Calculate Granite Dust on 10 sq.ft. of countertop



Light .05 lbs. Heavy .075 lbs. Full 1 lb.

After epoxy is spread and back rolled divide chips in equal portions then throw granite dust 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 Aliphatic Urethane Clear Finish coat using a magic trowel pull seal coat across the granite dust and back roll using ¼ nap roller.

Dry time & Recoat:

Tack free 6-8 hrs. Recoat 12-24 hrs.



COATINGS SOLUTIONS

HIGH PERFORMANCE

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

Physical Properties:

Viscosity Mixed	Brookfield	500-750 cps
Shore-D Hardness	ASTM D2240	85-90
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	140
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	Y
Motor Oil	Y
Mustard	Stain
Nitric Acid	N
Orange Juice	Y
Phosphoric Acid	Y
Silver Nitrate	Y
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 kits

Handling, Storage, Disposal & Clean-up:

May irritate eyes wear gloves

Technical Data Sheet

3150 County Line Rd, STE 4

Lakeland, FL 33811

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 Leed

Warranty:

Material only no labor

