



SUPERIOR COUNTERTOP EPOXY

TECHNICAL DATA SHEET

MIX RATIO 2 PARTS A & 1 PART B

PRODUCT DESCRIPTION

A 2 to 1 mix ratio, 100% solids epoxy designed to be applied to countertops or tables either clear or mixed w/Metallic Pigment. At 72 degrees F, you will have approx. 45 minutes of work time after pouring out. Typically applied at 3 oz. per SQFT or 45 SF/Gal. Gets extremely hard when fully cured, has "Fair" heat resistance, is made with an exceptional combination of UV Resistant and Flow / Leveling additives making it EXTREMELY user friendly.

PRODUCT DATA

Volumetric Ratio	_____	2 to 1
Solids	_____	100%(+/- 1%)
Coverage	_____	50 SF/gal. at 24 mil or Approx 3 oz per sqft
Application Temperature	_____	55°-90°F
Thinning	_____	Not Required
Pot Life	_____	Mix and Immediately Pour
Working Time	_____	45-60 min.
Full Cure	_____	3-4 days
Critical ReCoat Time	_____	12 hrs
Shelf Life	_____	12 months
USDA Food & Beverage	_____	Meets Req.

AVAILABLE COLORS

Ø Pearl	Ø Chestnut	Ø Rum
Ø Silver	Ø Copper	Ø shimmer Gold
Ø Titanium	Ø Violet	Ø Emerald
Ø Gun Metal	Ø Purple	Ø Earth Gray
Ø Cambridge Blue	Ø Forest Green	Ø Mint Green
Ø Ocean Blue	Ø Green Apple	Ø Butterscotch
Ø Sky Blue	Ø Bright White	
Ø Orange Gold	Ø Magic Yellow	
Ø Wine Red	Ø Orange Red	
Ø Brass	Ø Pink	

APPLICATIONS

Superior Countertop Epoxy can be applied on Concrete, Granite, Laminate, Cork, Formica, Quartz, Corian .

ADVANTAGES

- Self Leveling
- Essentially odorless
- ZERO VOC
- High gloss, & color stability
- Long Working Time
- Chemical & impact resistant
- No amine blush
- Modified to to be highly UV resistance
- Excellent flowability

PHYSICAL PROPERTIES

PROPERTY	VALUE	REFERENCE
Compressive Strength	7,800 psi	ASTM C 695
Flexural Strength	3,700 psi	ASTM D 790
Tensile Strength	3,900 psi	ASTM D 638
Bond to Concrete	350 psi	ASTM D 4541 (Concrete fails at this point)
Taber Abrasion	75-80 Mgs	ASTM D 4060
Flammability	Self-extinguishing	
Hardness, Shore D	84	ASTM D 2240
Flash Point	>200°F	

PACKAGING

3 GALLON = PART A — 2 GAL	PART B ——— 1 GAL	METALLIC POWDER - 32 OZ JAR.
1.5 GALLON KIT = PART A - 1 GAL	PART B - 0.5 GAL	METALLIC POWDER - 16 OZ. JAR.

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PREPERATION

Before coating is applied, surface must be:

- Dry – No wet areas
- Clean – Contaminants removed
- Profiled – Surface etched
- Sound – All cracks and spalled areas repaired

Do not scrape sides or turn container over and allow to drain when pouring out mixed epoxy

CLEAN UP

Superior Countertop Epoxy, while in an un-reacted state, may be cleaned up with hot water and degreaser. Isopropyl alcohol or acetone may be needed once the resin begins hardening.

APPLICATION INSTRUCTIONS

Application of E2U Superior Countertop Epoxy for a nominal 20 to 25 mil coating system is applied in a single coat.

1. Optimum ambient temperature should be between 60-85°F during application. Temperatures of 55°F and lower can slow cure times.

Temperatures of 85°F and higher will speed up working and times.

2. Apply at approximately 50 SF/gal by immediately pouring out blend-ed material until Bucket is empty.

3. Using a roller, handheld notched squeegee or just your gloved hands pull E2U Superior Countertop Epoxy at a uniform thickness over areas to be coated.

4. Make sure to use non-shedding phenolic (plastic) core paint roller.

5. Lastly, back roll in the opposite direction.

MIXING

The ratio of Superior Countertop Epoxy is 2 to 1. That is, two parts A (resin) to one part B (hardener). Mix the following with a drill and mixing paddle. Note: If using a drill mixer, use a low speed (not to exceed 300 rpm) to prevent air entrapment.

1. Premix (1)16 oz jar of Metallic Powder into the 1gal of "A" Resin Container for 3 to 5 minutes. Allow to stand for minimum of 5 - 10 minutes to allow any air mixed in to escape.

2. Add 1/2 gallon of Part "B" Hardener and mix for another 60-90 seconds.

3. E2U Epoxy is designed to be immediately poured on the countertop. Leaving mixed product in the container will greatly reduce pot life. Once poured out you will have approximately 45-60 minutes of working time can generally be expected

WARNING! SLIP AND FALL PRECAUTIONS

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slipresistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. E2U Flooring recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions.

It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. E2U or its sales agents will not be responsible for injury incurred in a slip and fall accident.

We believe this product complies with all other applicable state and federal laws and regulations governing manufacturing, distribution and intended use. User is solely responsible for the legal disposal of this container and/or its contents.

Handling Precautions

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin. Some individuals may be allergic to epoxy resin. Protective gloves and clothing are recommended.

WARRANTY

E2U products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification.



MADE IN USA

KEEP OUT OF REACH OF CHILDREN