



TECHNICAL DATA SHEET

Countertop Epoxy

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	100-200 sqft/gal.
Application Temperature	55°-90°F
Thinning	Not Required
Pot Life	Mix and Immediately Pour
Working Time on Floor	45-60 min.
Cure Time	12-16 hrs (walking)
Full Cure	3-4 days
Critical Re-Coat Time	12 hrs
Shelf Life	12 months
USDA Food & Beverage	Meets Req.

AVAILABLE COLORS

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

APPLICATIONS

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

ADVANTAGES

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

PROPERTY

Compressive Strength
Flexural Strength
Tensile Strength
Bond to Concrete
Taber Abrasion
Flammability
Hardness, Shore D
Flash Point

VALUE

7,800 psi
3,700 psi
3,900 psi
350 psi
75-80 Mgs
Self-extinguishing
84
>200°F

REFERENCE

ASTM C 695
ASTM D 790
ASTM D 638
ASTM D 4541 (Concrete fails at this point)
ASTM D 4060
ASTM D 2240



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CONCRETE 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

CLEAN UP

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.

SPECIAL NOTE

ALL Epoxies manufactured by GLACIER EPOXY SUPPLY are NOT UV stable and can and WILL amber and discolor when exposed to UV light.

APPLICATION INSTRUCTIONS

Application of 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. TECHNICAL DATA SHEET SUPERIOR COUNTERTOP EPOXY MIX RATIO 2 PARTS A & 1 PART B
2. Apply at approximately 50 SF/gal by immediately pouring out blended material until Bucket is empty.
3. Using a roller, handheld notched squeegee or just your gloved hands pull Countertop Epoxy at a uniformed 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 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 high speed (1,000 to 1,500 rpm) to ensure thorough mixing.

1. Premix (1) 16 oz jar of Metallic Powder into the 1 gal 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. 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. GLACIER EPOXY SUPPLY 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. GLACIER EPOXY SUPPLY or its sales agents will not be responsible for injury incurred in a slip and fall accident.

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

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



MADE IN USA