

E4E-COUNTERPOXY



Description

E4E-COUNTERPOXY is a 100% solid clear countertop epoxy with two components. It is used for indoor applications on counter and bar tops. This is a food safe product perfect for refinishing outdated kitchen countertops or bar tops or coating over brand new ones. The product creates a seamless finish, which is bacteria free ideal for butcher-block and quartz surfaces. The low color and low viscosity allow for bubble free, crystal clear coatings.

Primary applications

- ✓ Kitchen counters
- ✓ Bar tops
- ✓ Butcher blocks

Advantages

- ✓ 100 % solids, low VOC content and low odor
- ✓ Crystal clear, high gloss appearance
- ✓ Self-levelling
- ✓ Dense surface resistant to bacteria and moisture
- ✓ Will not distort with age

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TECHNICAL DATA

Color	Clear
Mix Ratio by Volume	2:1 (resin: hardener)
Mix Ratio by Weight	100:43 (resin: hardener)
Mixed Viscosity @ 25° C	500 cps
Pot Life @ 25° C	60 minutes
Coverage	10-12 ft ² /gallon @ 1/8'' 6-8 ft ² /gallon @ 1/4''
Tack-Free Time @ 25° C	24 hours
Ideal Working Temperature Range	Optimal 24 - 27°C
Recommended Full Cure	3 days @ 25°C
Tensile Strength	6500 psi
Elongation	6.7%
Compression Strength	6800 psi
Tg Ultimate	95°C (203°F)
Hardness, Shore D	80 - 90
VOC g/L	< 70 g/L

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SURFACE PREPARATION

The surface to be coated must be free from dust, laitance, grease, oils, dirt,

MIXING

Mix only the amount that you need at one time and pour the mixture within 15 minutes. Unused resin and hardener should be left in original containers. Mix exact amounts of both resin and hardener in separate mixing cups. Do not add more hardener than resin, as this will cause the finished coating to remain sticky. Inaccurate measuring will cause epoxy surface to remain soft or sticky spots on the epoxy surface.

APPLICATION

Warm up the E4E-COUNTERPOXY resin and hardener to 24 – 27 ° C. This will improve the flow characteristics and bubble release. In a dry, clean container mix 2 parts of resin with 1 part of hardener. Be sure to scrape the sides and bottom of the mixing container while mixing. Mix for 3-4 minutes using a paint paddle. After mixing, transfer the mix into a similar mixing container and mix again for another 1-2 minutes.

Pour material into the mold. Wait 15 – 20 minutes then lightly pass a lit propane torch over the surface at a 45° degree angle with the tip of the torch being at least 6 inches from the surface until all bubbles are gone. The carbon dioxide at the end of the flame helps facilitate bubble release and popping the bubbles. This will help ensure a glass like finish. If latent bubbles exit, a similar torching at 30 minutes may be needed. Drips may be sanded off after the item has cured. coating.

CLEANING

Clean all application equipment with acetone. Once the product has hardened, it can only be removed by sanding. It is advisable to clean immediately after use.

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RESTRICTIONS

- ✓ E4E-COUNTERPOXY should be stored in a dry place between 24° C and 27° C, out of the sun and out of reach of children
- ✓ Resin and hardener should not be left in an open container
- ✓ Application should be used where humidity is under 60% and temperature is between 21°- 29°C
- ✓ Use a de-humidifier if needed
- ✓ E4E-COUNTERPOXY should be used within one year of purchase
- ✓ Surfaces may discolor in areas exposed to regular ultraviolet light
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HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

IMPORTANT NOTICE

The information and recommendations contained in this document are based on reliable test results according to PA Epoxy. The data mentioned are specific to the material indicated. If used in combination with other materials, the results may be different. It is the responsibility of the user to validate the information therein and to test the product before using it. PA Epoxy assumes no legal responsibility for the results obtained in such cases. PA Epoxy assumes no legal responsibility for any direct, indirect, consequential, economic or any other damages except to replace the product or to reimbursement the purchase price, as set out in the purchase contract.