



# ECTR-CTOP

## COUNTERTOP EPOXY

UNE MARQUE SIKA  
A SIKA BRAND

### DESCRIPTION

**ECTR-CTOP** countertop epoxy is a 100% solid, two component ultra-clear epoxy coating system. 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 This is a food safe product perfect for refinishing outdated kitchen countertops or bar tops or coating over brand new ones.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.

ECTR-CTOP has a low VOC content, for user safety and reduced environmental impact. Compatible base colors and metallic powders are available to mimic any kind of natural stone, creating an extreme three-dimensional effect. Endless color combinations are possible to complement any kitchen. This system is approved by the Canadian Food Inspection Agency. It also meets FDA and USDA requirements.

### PRIMARY APPLICATIONS

- Kitchen Countertops
- Bar top or butcher-blocks

### ADVANTAGES

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

### TECHNICAL SPECIFICATIONS AND MECHANICAL DATA

<b>PACKAGING</b>	3 Gallon/15 Gallon	<b>RECOMMENDED FULL CURE</b>	3 days @ 25°C
<b>MIX RATIO BY VOLUME</b>	2:1	<b>SOLIDS BY WEIGHT (%)</b>	100%
<b>COVERAGE</b>	10-12 ft <sup>2</sup> /gallon @ 1/8" 6-8 ft <sup>2</sup> /gallon @ 1/4"	<b>SHELF LIFE</b>	12 months unopened
<b>TACKFREE TIME @25° C</b>	24 hours	<b>VOC G/L</b>	<70 g/L
<b>IDEAL TEMPERATURE</b>	24 - 27°C	<b>POT LIFE @ 25° C</b>	60 minutes

### PROPERTIES @ 23°C (73°F) 50% R.H.

<b>TENSILE STRENGTH</b>	6500 psi	<b>COMPRESSIVE STRENGTH</b>	6800 psi
<b>ELONGATION</b>	6.7%	<b>TG ULTIMATE</b>	95°C (203°F)
<b>MIXED VISCOSITY @ 25° C</b>	500 cps	<b>HARDNESS, SHORE D</b>	80-90



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### **SURFACE PREPARATION**

The surface to be coated must be well dry and free of dust, wax, grease or oil.

### **MIXING**

Warm up the ECTR-CTOP 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. 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. 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. 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.

### **APPLICATION**

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.

### **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.

### **RESTRICTIONS**

- ECTR-CTOP 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.
- ECTR-CTOP should be used within one year of purchase.
- Surfaces may discolor in areas exposed to regular ultraviolet light.

### **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.



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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 CTM Coatings. 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. CTM Coatings assumes no legal responsibility for the results obtained in such cases. CTM Coatings 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.