

# **Product Information**

# **Stone Coat Countertops**

Epoxy Coating – Heat Resistant

# Description:

Stone Coat Countertops Epoxy is a premium, two component, 100% solid, high-build epoxy coating.

#### Uses:

Stone Coat Countertops Epoxy is a heat resistant coating used for countertops and bar-tops.

## Coverage:

Coverage for pour coat (1/16 inch)

Each one Gallon kit of Stone Coat Countertops epoxy will cover two coats at 3 oz per square foot totaling 20 square feet of surface space.

Note: Pouring over a thickness of 1/16 inch may cause excessive bubbles, yellowing, and distortions in surface. Use multiples coats to achieve desired thickness.

#### Colors:

Universal Paint colorants can be added.

## Packaging:

1/2 Gallon Kit (two 32 oz bottles)

1 Gallon Kit ( two 1/2 gallon bottles)

2 Gallon Kit (two 1 gallon bottles)

# Gi fZUWDfYdUfUljcb.

: cf 'Vigi fyg 'hg' hy g fZWY hc 'VY Wj YfYX a i gh VYXfm UbX ZfYY cZ Xi ghz kU z [fYUgyz cf 'c]" G fZWgg ci 'X VY gYUYX" : cf 'k ccXz Udd'm &!' WUg 'cZ % cn dYf gei UfY Zch cZ ChcbY 7cUh 7ci bhYfhcdg Ydcl nz kUh &( 'ci fg VYhk Yhb WrUgz gUbX]b[ '][\him k]h && S [f]h gUbXdUdYf VYhk Yhb WrUg" H\Y]hYa hc VYWUhXg\ci 'X VY Uvci h & ]bWYg Uvcj Y h\Y kcf\_ UfYU gc 'h\Uh h\Y YhfU a ]l hi fYk]" Xf]d cZZh\Y]hYa "= i ]g U [ccX]XYU hc di h'U bYk gdUdYf cf' U Xfcd Wch 'i bXYf' h\Y ]hYa 'hc WhW h\Y Xf]dg" · 5dd'm Tyvek HdY bck 'hc 'dfYdUfY h\Y VUW gl fZWY cZh\Ydfc'YWZcf YUgmXf]dfYa cj U"

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Mix only the amount of epoxy that you need at one time. Unused/unmixed resin and hardener should be left in original containers. Measure 1 part Resin A to 1 part Hardener B. Measure 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.

### Tools:

Mixing container- Should have smooth flat bottom and be clean and dust free.

Brush- Sometimes a small brush is needed for coating edges of crevices. And is required to chop surface. Surgical Gloves (powder-free)- Needed for product application

Squeegee – Needed for product application for seal coats on wood surfaces

1/8" Square Notch Trowel- Needed for product application

# Mixing and Application:

Warm up the Stone Coat Countertops Resin and Hardener to 75°- 80°F. This will improve the flow characteristics and bubble release. In a dry, clean container, mix equal parts of the resin (part A) with the hardener (part B). Be sure to scrape the sides and bottoms of mixing container while mixing. Mix for 2-4 minutes using a drill and paint paddle. After mixing, IMMEDIATELY pour material onto the bar top or tabletop. Spread with 1/8" square notch trowel.

Note: Larger batches cure faster due to the chemical nature of this product. We do not recommend mixing more than a ½ gallon mixture at a time.

# **Bubble Release:**

Torch the surface holding the torch approximately 6 inches away, making 3-4 passes over the surface. The heat from the propane torch helps facilitate bubble release while the flame from the torch provides a carbon dioxide reaction popping the bubbles. This will help ensure a glass like finish. Do not over torch. Drips may be sanded off after the item has cured

Note: Do not use other "similar" epoxies in conjunction with Stone Coat Countertops. Using "similar" materials will decrease the heat resistance of the Stone Coat Countertops epoxy.

#### **Drying Time:**

Stone Coat Countertops epoxy will be dry in 24 hours. You can begin light use in 72 hours. It's very hard in 7 days, and fully cured and has full heat and UV resistance in 30 days.

#### Limitations:

Stone Coat Countertops epoxy should be stored in a dry place at room temperature and kept out of reach of children. Resin and Hardener should not be left in an open container. Stone Coat Countertops epoxy should be used in a room where the humidity level is under 60% and room temperature. This product should be used within one year of purchase. For interior use only.

## Clean Up:

Use Acetone to clean up the epoxy while it is in it's liquid state. After Stone Coat Countertops has been cured, it may be removed by sanding or a paint stripper. It is advisable to clean immediately after use.

#### Disclaimer:

Stone Coat Countertops guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price replacement of the defective material at the option of the seller. Stone Coat Countertops makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. Manufacturer shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact Stone Coat Countertops.

### Technical Data:

Exothermic data		
Brookfield viscosity, cps, 25 °C	8000	
Gel Time, minutes (200-g mass)	45	
Peak Exothermix temperature, C°	152	
Time to peak temperature	54	
Coating Properties, 6 mil film	X	
Drying time, hr., Set to touch	3.7	R'''()
Surface- Dry	5.5	
Thru-dry	9.5	
Properties of Cured 1/8 inch castings		
Izod impact strength, ft-lb/in	0.98	
Dynatup impact, total energy, in-lb	32	
Shore D hardness, 0-10 sec	85-87	
Tensile Strength, psi	6,200	
Ultimate elongation, %	6.5	
Flexural strength, psi	10,500	
Flexural modulus, psi	320,000	
HDT, °C, 264-psi load	40 -0.3	
%Weight game, 24 hr water boil 3 hr acetone boil	-0.3	
Compressive strength, psi, at yield	4,200	
At failure	29,600	
	29,000	
Cured 7 days, ~25°C		
1 inch cylinders, ½ inch diameter		
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