StoneLok Countertop Kit Application Outline & Tips

1. For outdoor applications or where moisture is prevalent, apply V-SEAL 101 as a reactive penetrating sealer primer. Wait 24 hours before moving on to O-S/W.
2. O-S/W Application – dilute and apply per application instructions.
3. Wait approximately 30 minutes for O-S/W to dry before moving on to E3 epoxy.
4. Mix and apply StoneLok E3 epoxy per application instructions.
5. Wait 8-12 hours for E3 to be dry to the touch. If more than 24-48 hours passes between coats, the previous coating should be sanded lightly with 200-300 grit to provide mechanical bond, then cleaned with a lightly damp cloth before moving on to the next coating.
6. Mix and apply StoneLok 2K2 urethane per application instructions.
7. Coatings will reach a full cure in 4-7 days. Usage before this time should be very delicate.

Application Tips:

**Pay close attention to the following variables:

Surface Preparation

Surface should be completely clean and dry. Surface should not be smoother than a 200-300 grit sand/grind.

Mix Ratios

O-S/W - Follow dilution guidelines in instructions
E3 Epoxy – 1 Part A to .35 Part B (or 20 Parts A to 7 Parts B)
2K2 Urethane – 2.5 Parts A to 1 Part B (+ 20-23% water after induction time)

Application & Curing Conditions

65° - 85° F. with humidity less than 60%

Coating Thickness

Coatings should be applied at recommended wet thickness. A wet thickness gauge, or 'mil gauge' should be used. One 'mil' is one thousandth of an inch thickness. See application instructions for thickness recommendations. The coverage rate of the product can be used to help estimate the amount of product necessary for your application at the correct thickness.
StoneLok E3 epoxy: 4-7 mils wet film thickness
StoneLok 2K2 urethane: 4-5 mils wet film thickness

Rolling Tips

If rolling, roll in a "V" or "W" pattern working quickly to apply the product thin and evenly. Product should have a slight haze when first applied. Overworking the product or using the product past the pot life can result in roller marks.

Contamination

To avoid contamination, clean new containers should be used when mixing smaller volumes than original packaging.

Shelf Life

Shelf life of all products is one year, unopened. Once mixed, products must be used in their entirety before the pot life is up. Once opened, products should be used within one month on no more than three applications.

Post Applications & Precautions

While the StoneLok E3/2K2 coating system is extremely resistance to stains and abrasion relative to other products on the market, it can still be damaged if not cared for properly.
Manufacturer Recommendations:

- -Cutting directly on the surface should be avoided
- -Spills should be cleaned up quickly
- -Moisture should not be trapped underneath objects where it could eventually leech into coatings
- -Hot pads and coasters should be used where necessary
- -Avoid dragging heavy or sharp objects across the surface

Repair

All coatings will need repaired or re-applied over time with usage. Reactive, two-part coatings like epoxy and urethane cannot typically be stripped or repaired with chemicals. Damaged areas should be sanded to removed loose or damaged product. Aggressive grits may be used initially to remove sealer. We recommend finishing with 200-300 grit and cleaning the surface before application of another coating.