

INSTRUCTIONS FOR STONELOK™ “E3” for Old, New, & Acid-Stained Concrete/Cements; and Gypsum Flooring

STARTING POINT is a **TOTALLY CLEAN, ABSORBENT SURFACE** free of all contamination and residues and without laitance/scrim coat. For concrete, contact RJSC for Concrete Prep data. If concrete/cement has been acid stained or etched, a scrub with a non-sudsing ammonia solution, a copious double water-rinse and ample dry time are required. See RJSC bulletin for use of StoneLok™ “E3” over acid-stained/treated floors. For some cement and concrete floors, O-S/W™ Substrate Conditioner or 200-Series™ Epoxy Primer is applied prior to StoneLok “E3”. For gypsum-based floors, a primer may be needed. For engineered cement, minimum cure before “E3” is 12 hours but actual installation dependent.

Product, substrate and site temperature, when mixing, during application and during cure, must be 65°- 85° F., humidity <60%, with good air circulation (box fans are required) for normal cure.

ONE UNIT consists of 2 (TWO) BOTTLES

- Part “A” Resin
- Part “B” Catalyst

A gallon unit will cover ~225-400 sq.ft; a quart unit ~50-90 sq.ft; a pint unit about 30-45 sq.ft. See 4 below.

1. **POUR----** Part B [1 volume unit] --- INTO
----- Part A [1 volume unit]
For smaller volumes, mix ratio is 1 part “A” + part “B” as 35% of “A” [20 parts “A” to 7 parts “B”]
2. **Immediately MIX WELL by SHAKING FOR 1-TO-2 MINUTES.**
3. **WAIT 10 MINUTES [induction time]. POT LIFE IS NOW ABOUT 45 MINUTES.**
[Induction times and pot life are at room temperature]
4. **APPLY with AIRLESS SPRAYER with 6.19 tip and minimum 50% overlap at about 225 – 300 sq.ft./gal [~5.5 - 7 mls WFT] for porous or heavily acid-stained concrete; at 325 – 400 sq.ft./gal [~4 - 5 mls WFT] for tighter surfaces and/or over primer. You want an even coat that gets substrate totally covered but without pooling.**

IF AIRLESS SPRAYER is NOT AVAILABLE, use short nap roller (3/16” or max 1/4”) or paint pad in standard “V”/”W” pattern laydown with backroll as below:

- ◆ **LOAD ROLLER. CREATE A “V” or “W” in a 4’ x 4’ AREA.** *Do NOT pour product onto surface.*
 - ◆ **Working in a pull/push mode (away from you and towards you), QUICKLY SPREAD THE MATERIAL.** Work with a free hand. The idea is just to spread material evenly.
 - ◆ **LIGHTLY BACKROLL.** *Do not overwork.*
 - ◆ **REPEAT THE ABOVE ADJACENT to the first area, OVERLAPPING THE NEW “V”/”W” SLIGHTLY INTO THE OLD.**
 - ◆ **WORK FAST** so that overlaps are **WET to WET.**
5. **FOR ADDED DURABILITY, heavy acid staining, very porous substrates, or potential standing water, apply two coats - with 2nd coat applied when 1st coat is print-free and totally clear (no haze). This is typically after 8 hours. NOTE: If you have applied a very heavy coat, especially under cool conditions/low air circulation, time until clear will increase.**
 6. **WHEN FINAL COAT “E3” IS PRINT FREE/TOTALLY CLEAR (no haze), typically in 8 hours, topcoat (optional) with StoneLok “2K”, StoneLok “MLT Plus” or SuperTop™.**
 7. **OBSERVE POST-APPLICATION PRECAUTIONS**

Clean up is soap & water. A small amount of acetone helps in spray guns. Close and properly dispose of bottles as job site chemical waste.

SUBJECT TO JOB SITE CAUTIONS IN MSDS & to RJSC LIMITED WARRANTY