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STONELOK™ "2K2" DIRECTIONS FOR USE

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

One "UNIT" = 2 containers. Identify the bottles! (They are shipped in correct mix ratios)

A = RESIN SIDE [waterborne resin] larger bottle

B = CATALYST SIDE [curing catalyst] smaller bottle

FOLLOW DIRECTIONS EXACTLY

- **Use NEW mixing pails:** a 2-gallon pail for 1-gallon unit; a 1-gallon pail for 3-pint unit
- ***Never mix more than 1 gallon of product in a single pail.***

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1. **SHAKE PART "A"**
2. **POUR one PART "A" bottle – then – one PART "B" bottle --- into a mixing pail.**
   For smaller volumes the mix is 2.5 Parts "A" [plus] 1 Part "B"
3. **Blade-stir with a drill for 5 minutes -- *at low speed*** *to minimize air entrainment and internal heat*. Work pail walls and bottom well -- the mix must be *totally* blended!
4. **WAIT 15 MINUTES --** *[induction time to start reaction]*
5. **AFTER WAITING *the induction time*, DILUTE WITH 20% WATER as below**
   For 1-gallon unit, add 24.3 fluid ounces water (720 mls).
   For 3-pint unit, add 9.2 fluid ounces water (272 mls).
6. **BLADE MIX AGAIN for 1-2 minutes *at low speed*.**
   You now have about 45 minute pot life.
7. **APPLY with an airless sprayer** at lowest pressure with a 6-15 or 6-17 nozzle and 100'-150' of hose.
   For "2K2" Anti-Skid finishes use a 6-19 nozzle and remove filters in gun or use a paint-pad. *Keep the solution continuously stirred*. Occasionally back-clear gun.

   Apply a thin, even coat -- typically 4 - 5 mils wet film thickness [~400 sq.ft. per gallon over sealed or tight surface; about 350 sq.ft./gallon over more porous substrate]**. This looks like a thin layer of no fat milk---the floor is "foggy-hazy"---never white.**

   Walking backwards, spray each pass about 4' – 6' across, with a feather release at each change of direction, and an overlap of at least 50%.

   Plan the application so that you can work WET to WET and continuously monitor coverage guidelines.

<u>If an airless sprayer is not available</u>, ***a short-nap roller (3/16" or max 1/4") or paint pad may be used by very skilled applicators***. *<u>Product must be applied in "V's/W's" as below. Be sure not to overwork/over-roll.</u> Change rollers as needed!*

As above, continuously monitor coverage guidelines and work WET to WET.

<u>If edge cut-in is needed, this must be done simultaneously with adjacent application, not before.</u>

For roller application, visually measure off AN AREA ABOUT 4' X 4'

- **LOAD ROLLER** and **<u>CREATE A "V" OR "W" IN THE ABOVE AREA</u>.**
- *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 the material evenly.
- **LIGHTLY BACKROLL.** ***Do not overwork*.**
- **REPEAT THE ABOVE ADJACENT to the first area, OVERLAPPING THE NEW "V"/"W" SLIGHTLY INTO THE OLD.**
- **YOU WANT TO WORK VERY FAST so that overlaps are WET to WET. YOU WANT THE LOOK TO BE "HAZY FOGGY" -- like no-fat milk -- NEVER WHITE.** ***IF THERE ARE ANY WHITE SPOTS*** *(from drips, too heavy application, etc)* ***IMMEDIATELY ROLL OUT*.**

8. **Cure conditions --** The water must leave the film for cure. Movement of air speeds cure time by removing the pillow of moist air that forms as the water leaves the coating. **In closed, "air-off" jobs, or if the air will be turned off within the first 12 hours of cure, it is very important to have box fans blowing about 2' - 3' up and across the surface** to maximize the cure speed and final resin density; and to ensure finish gloss as specified.

   The material is typically print-free in 8 - 10 hours. Floors are typically walkable by LIGHT traffic in 15 - 18 hours. If needed for ongoing construction or transport, sealed surface can be covered with Kraft paper and Masonite about 15 hours after coating. ***BUT -- if covered prior to final cure (3 – 4 days)*** *and especially if there is potential for humidity build-up or turn-off of air,* ***YOU MUST UNCOVER for the first 2 - 3 nights to allow for final cure; and re-cover in the morning***.

<u>NEVER COVER WITH PLASTIC!</u>

It's best to keep everything off the substrate for 24 hours (48 if possible) and final strength takes 3 - 4 days. For counters, it is best to allow 72 hours before exposure to chemicals or cleaning. THEN, clean only with RJSC cleaners.

Typical dry times above are temperature, humidity and air circulation dependent.

Notes on Multiple Coats: A second or third coat of StoneLok "2K" can be applied in 8-24 hour intervals for high-use areas. If two coats are pre-planned and "2K" Anti-Skid is specified, the first coat should be without anti-skid for maximum surface closure; and the final coat with anti-skid.

Close and dispose of containers as chemical waste. Clean up is soap & water. A small amount of acetone helps in spray guns and to remove overspray. Read and follow all job-specific instructions, site MSDS cautions, post-application precautions.

SUBJECT to RJSC MSDS' and LIMITED WARRANTY (below)

The products of Richard James Specialty Chemicals Corporation (RJSC) contain highest quality raw materials and are manufactured under strict conditions of quality control. RJSC cleaners are warranted to conform to manufacturing specifications for a period of one year from initial delivery when stored in conditions greater than 32° F. and below 90° F. RJSC primers, sealers, Colloidal Dyes, primers and sealers with incorporated Colloidal Dyes, and floor finishes are warranted to conform to the manufacturing specifications for a period of six months from initial delivery when stored in conditions greater than 32° F and below 90° F. No warranty or affirmation of fact, express or implied, other than as set forth in this limited warranty is made by RJSC regarding its product(s). This limited warranty only applies to products purchased directly from RJSC. RJSC expressly disclaims all express and/or implied warranties for its product(s) that are not purchased directly from RJSC or are resold to or by third parties.

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