

INSTRUCTIONS FOR 200-Series™ Epoxy Primer with Dyes
FOR A STAINED/MOTTLED LOOK

STARTING POINT IS an ABSORBANT SURFACE totally FREE OF ALL SLURRY RESIDUE if honed; and FREE of ALL DUST and CONTAMINANTS if not. If being applied over concrete, see document titled “CONCRETE PREP PRIOR TO INSTALLATION of RJSC Colorants/Coatings.**”**

Contact RJSC for appropriate cleaning solutions. Note that citrus cleansers or those containing d-Limonene must NOT be used as they will interfere with performance of water-based sealers.

If acid washed or treated, substrate must be brush-scrubbed with ammonia solution, rinsed thoroughly and residues wet vac-ed up. A minimum 24-hour dry-time is needed after acid treatment and rinse to allow excess moisture (that cannot be absorbed by old concrete) to evaporate. Longer dry times may be needed for decks in pans.

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

YOU WILL NEED TWO PUMP SPRAYERS -- one for water, one for color.

On certain substrates, 200-Series with color is applied AFTER AMS™ or O-S™ Substrate Conditioner.

IF DYES ARE SHIPPED IN THE 200-SERIES, proceed with STEP 1.

IF YOU ARE MIXING DYES into the 200-Series, SEE SEPARATE SHEET ON MIX RATIOS and -----,

- TYPICAL dye concentrations FOR A SINGLE COLOR STAIN are 4% - 7% if the color you are using is light; 2% - 5% if the color you are using is dark.
- TYPICAL dye concentrations FOR 2 -3 COLORS APPLIED IN SEQUENCE is 8 - 10% for the BASE COLOR; and 2 - 5% for 2nd and third colors

1. FOR BASE (first) COLOR –

**Pour ---- Part B [1 volume unit] --- INTO
---- Part A [1 volume unit]**

**Make sure [viscous] Part B is all transferred!
You have a 3-hour pot life. (1 hour for Accelerated).**

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2. Immediately mix well by SHAKING THOROUGHLY for 1-to-2 minutes.

3. WAIT 30 MINUTES [induction time].

For ACCELERATED, wait 15 minutes.

If specification calls for water dilution, add AFTER induction period! POT LIFE is 3 hours. (1 hour for ACCELERATED).

4. USE PUMP SPRAYER with FINE-ADJUSTABLE NOZZLE.

LIGHTLY “fog” an immediately workable area of the substrate (100 - 200 sq.ft.) with a MIST of WATER---- DAMP BUT NEVER pooled. (The water MIST is applied to accentuate natural “crawling” of the 200-Series INTO the SUBSTRATE and blending of colors. Pooled water will “take up too much space” and PREVENT the 200-Series from penetrating into the substrate.)

SPRAY ON with short “pull and release” of trigger -- NOT as you would spray a solid coating -- and as light/medium spray – (as per approved sample, if provided) -- NEVER as heavy globs! YOU WANT TO LET SOME of THE SUBSTRATE SHOW THROUGH.

NOTES: If you want 30% of the substrate to show through, you typically cover only 50 - 60% since the 200-Series on a pre-dampened substrate will spread.

THE COLOR YOU APPLY is NOT the final color. *Since the 200-Series clear goes down WHITE and then clears, a 200-Series with a RED, for example, will look PINK when it goes down. Therefore, if you have not used the product previously, RJSC strongly recommends that you do a sample before beginning the actual installation.*

5. AT EACH BREAK, IMMEDIATELY spray water through nozzle to prevent clogging.

6. ALLOW BASE COLOR TO DRY UNTIL PRINT FREE and WALKABLE (ABOUT 4 - 6 HOURS; 3 - 5 HOURS FOR ACCELERATED -- dependant on temperature and air circulation).

7. MIX HIGHLIGHT (2nd) COLOR AS ABOVE – AND, USING a PUMP SPRAYER, apply to approved design. DO NOT DAMPEN FLOOR for this color – but you can add a touch of water spray randomly after the 2nd color is applied to create a bit of run. Again NEVER ALLOW COLOR or WATER TO POOL!

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- 8. Topcoat with StoneLok™ “2K” after 4-12 hours – ideally as soon as tack-free -- and always in less than 18 hours. Do not wash, scrub or brush primer before topcoat. [You want epoxide rings to be “receptive” to topcoat].**

If the 2 coats of 200-Series are LIGHT, or if for a high traffic installation, you will want TWO COATS of "2K" for best protection.

The 200-Series primer cures as a deeply bound soft, water-blocking epoxy with a more dense surface epoxy which binds as a monolayer to StoneLok or “2K”.

Clean up is soap & water. A small amount of acetone helps in spray guns. Properly dispose of bottles as job site chemical containers.

**Subject to job site cautions in MSDS; and
Subject to RJSC Limited Warranty.**

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