



RESINOUS 123

STEP-BY-STEP MANUAL





PERSONAL PROTECTION

It's always recommended to wear the appropriate Personal Protective Equipment (PPE) for the task at hand and follow your employer's safety policy. Commonly known PPE such as safety glasses, gloves, earplugs, respirators, etc, are recommended as needed.

For further information on OSHA requirements, visit <https://www.osha.gov/Publications/osha3151.pdf>

INSTRUCTIONS:

PREP

(For in-depth instructions, see Prep Manual)

- 1 Prep surface to be coated by shot blasting/grinding/acid washing, etc...
- 2 Use appropriate TCP repair products to fill holes, cracks & control joints
- 3 Thoroughly clean surface
- 4 Protect surfaces not to be coated using specialty tape, paper, plastic, etc...

#1 (BASE COAT)

- 1 Set up mix station
- 2 Pre-mix Epoxy Base Coat Part A until well blended
- 3 Thoroughly mix Epoxy Base Coat Part B into Epoxy Base Coat Part A (2 parts A to 1 part B)
- 4 Pour mixed product on floor in a ribbon pattern
- 5 Wearing spiked shoes and using a 1/8" notched squeegee, spread Epoxy Base Coat on floor
- 6 Using a 3/8" nap roller, backroll for consistent coverage
- 7 Let dry

#2 (SEAL COAT)

- 1 Pre-mix Colored Protectorthane Part A
- 2 Thoroughly mix Colored Protectorthane Part B into Colored Protectorthane Part A for 2-3 minutes (2 parts A to 1 part B)
- 3 Using a paint tray and a 9" or 18" 3/8" nap roller, dip and roll material for consistent coverage
- 4 Let dry

#3 (SEAL COAT)

- 1 Pre-mix Colored Protectorthane Part A
- 2 Thoroughly mix Colored Protectorthane Part B into Colored Protector- hane Part A for 2-3 minutes (2 parts A to 1 part B)
- 3 Using a paint tray and a 9" or 18" 3/8" nap roller, dip and roll material for consistent coverage. (*optional: add Get-A-Grip for slip resistance into wet product)
- 4 Let dry
- 5 Remove all protective specialty tape, paper, plastic, etc
- 6 Make sure project area is clean, presentable, and free from debris

To learn advanced repair products, techniques, and in-depth methods on this system, go to decorativeconcreteu.com or scan our QR code.



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PRODUCTS & COVERAGE

Appropriate Concrete Protector repair products (see prep manual)

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
1 CT-1035	Xylene for cleaning		
2 CT- 1013	Acetone		
3 EB-6107-EB-6165	< Epoxy Base Coat	(160-210 sq. ft. per gal.)	*Dry Time= 6-10 hrs.)
UT-4455--UT4473	< Protectorthane 2K Colored/2 component	(350-450 sq. ft. per gal.)	*Dry Time= 6-8 hrs.) < Interior Only # Interior & Exterior > Exterior Only

TOOLS

SKU:	TOOL:	SKU:	TOOL:
1 TP-7507	2" Green Specialty Tape	10 ET-7255	1/8" Notched Squeegee
2 TL-7235	Mixing Tarps	11 TCR-1001	WTF Top Coat Roller
3 TL-7361-- TL-7365	Assorted Mixing Containers & Cups	12 RL-4317	Roller End Caps
4 RL-4325, RL-4335, RL-4319	4", 9", or 18" Roller Frames	13 RL-4317	Roller End Caps
5 RL-4323, RL-4341, RL-4313	4", 9", or 18" 3/8" Nap Roller Covers	14 RL-4309	18" Paint Tray
6 TL-7393, TL-7395	Threaded and Tapered Roller Poles	15	5 Gallon Mixing Buckets
7 RL-4343	2" Chip Brushes	16	Variable Speed Drill
8 TL-7353, TL-7349	Spiked Shoes	17	Mixing Paddle
9 TL-7127	Large Low Viscosity Wand (mixing)		

COST & PRICING

- 1 Typical Product Cost: \$1- \$1.10 sq. ft.
- 2 Typical Pricing: \$2.50 - \$4.00 sq. ft.

BENEFITS & FEATURES

- 1 Great abrasion resistance
- 2 Can be combined with slip-resistance
- 3 Easy to clean
- 4 Great chemical resistance
- 5 Oil and Salt Resistant
- 6 Industrial Grade

** Used as an optional top coat with Neat Coat Epoxy

* Coverages and dry times vary depending on application techniques and temperature
Estimations are based on 70 degrees, 30 percent relative humidity. For more information,
refer to TDS sheets To learn advanced repair products, techniques, and in-depth methods on
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TIPS & TRICKS

THE MOST IMPORTANT TIP:

“OUT OF THE BUCKET AND ONTO THE FLOOR” Leaving the epoxy too long in the bucket will cause it to heat up and start smoking.
DO NOT POUR HOT EPOXY ON YOUR PROJECT.

- 1.5 - 3 mixed gallons at a time for easy mixing
- Use The Concrete Protector’s large low viscosity mixing wand for mixing. This is the correct mixing wand to ensure that you are not whipping air into your epoxy.
- For more even coverage, add anti-skid additives into both seal coats.
- On larger projects, utilizing a Hippo or barrel mixer is a great way to speed up the mixing process.
- When installing line striping, apply all three coats (Base Coat, Sealer Coat, and Sealer Coat). Then, when dry, tape out and install the desired lines. This will reduce back taping, and will prevent any unneeded sanding if applied within the recoat window.

CUTTING IN

- Many times, contractors will just pour the epoxy in puddles or ribbons just a few inches from the edge of the walls so they will be able to quickly grab the epoxy with their 2” chip brush or 4” mini roller.
- By utilizing a notched squeegee, the product can be applied at a preferred mil rate per square foot. This technique is more time effective than dipping and rolling from a paint tray.

PROTECTORTHANE:

- You must wait until the floor is “tack-free” (no longer sticky anywhere) to proceed on to your 1st coat of Protector-Thane.
- Do not wait to apply Protector-Thane past 24 hours. If it is past 24 hours, in order to get a chemical bond to the previous coat (if you miss your re-coat window), you will have to sand/abrade the entire surface, vac and solvent wipe, before continuing with the next coat.
- Protector-Thane has a much longer “Pot Life”. Meaning that once it is made up, you can just leave it in the bucket and pour it out as you need it (no rush to quickly get it out of the bucket and on to the floor.) The pot life of mixed Protector-Thane is about 30-40 minutes.
- Application of Protector-Thane in the 123 System can be done a couple of different ways: You can “cut-in” on walls and edges just like you did with the Base Coat Epoxy and use an 18”, 3/8” nap roller cover: Pour out puddles/ribbons and use your roller as a squeegee (slight down pressure on your roller to push the urethane back and forth to coat the floor and then roll (just like you did with the Base Coat Epoxy . . . North and South, followed by East ad West: Use an 18” paint tray and dip and roll



COLOR CHART

EPOXY BASE COAT COLOR CHART



MEDIUM GRAY



DARK TAN



BLACK

SPECIAL ORDER COLORS*

*Custom colors available. Eligible if ordering over 100 Gallons



WHITE



OFF WHITE



LIGHT GRAY



BEIGE



BROWN



LIGHT BLUE



BLUE



GREEN



TILE RED

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