



ITALIAN MARBLE

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...

PRIME COAT

- 1 Set up mix station
- 2 Pre-pigment desired amount of Epoxy Neat Coat Part A needed for project.
It is recommended to do this the day before (1 bottle of Metallic Pigment to every 2 gallons of Epoxy Neat Coat Part A)
*Optional- Use 1 bottle of Pearl Metallic Pigment to every gallon of Epoxy Neat Coat Part A.
*Optional- For veining, use 1 bottle of Metallic Pigment to every 2 gallons of Epoxy Neat Coat Part A.
- 3 Thoroughly mix Epoxy Neat Coat Part B into pre-colored Epoxy Neat Coat Part A for 2-3 minutes (2 parts A to 1 part B)
- 4 Pour mixed epoxy into a "job" bucket
- 5 Mix for additional 10-15 seconds in "job" bucket
- 6 When using multiple colors, for each color, refer to Step #2 - Step #5
- 7 Remember..."Out of the Bucket, Onto the Floor"- Using a magic trowel, notched squeegee, or roller, apply prime coat
*Optional: Apply veins
- 8 Let dry
- 9 Address imperfections in prime coat by scraping, sanding, etc...

MARBLE COAT

- 1 Thoroughly mix Epoxy Neat Coat Part B into pre-pigmented Epoxy Neat Coat Part A for 2-3 minutes (2 parts A to 1 part B)
- 2 Pour mixed epoxy into a "job" bucket
- 3 Mix for additional 10-15 seconds in "job" bucket
- 4 When using multiple colors, for each color, refer to Step # 1 - Step #3
- 5 Remember..."Out of the Bucket, Onto the Floor"-Using a magic trowel, notched squeegee, or roller, apply marble coat
- 6 *Optional: Apply veins
- 7 Let dry
- 8 Address imperfections in "marble coat" by scraping, sanding, etc...

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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BORDERS **optional*

- 1 Using 1/4" Green Specialty Tape, tape out desired border shape
- 2 Using 2" Green Specialty Tape, apply over 1/4" tape on areas not to be coated, leaving the border exposed while protecting the surrounding area
- 3 Thoroughly mix Epoxy Neat Coat Part B into pre-colored Epoxy Neat Coat Part A for 2-3 minutes (2 parts A to 1 part B)
- 4 Pour mixed epoxy into a "job" bucket
- 5 Mix for additional 10-15 seconds in "job" bucket
- 6 Remember..."Out of the Bucket, Onto the Floor"- Using a 4" or 6" 3/8" nap roller cover, thinly apply border color
- 7 While border is still wet, use Marbleizing Sprays to decorate with marbling effects
- 8 Let dry

MARBLEIZING SPRAY COAT

- 1 Using Marbleizing Sprays, apply over the dry marble coat creating marbled veining throughout the entire floor
*Optional- If using multiple colors, apply one color right after the other after the previous color is dry
- 2 Let dry

EPOXY NEAT COAT SEALING

- 1 Set up mix station
- 2 Pre-Mix Epoxy Neat Coat Part A and Epoxy Neat Coat Part B separately for 3 min.
- 3 Thoroughly mix Epoxy Neat Coat Part B into Epoxy Neat Coat Part A for 2-3 minutes (2 parts A to 1 part B)
- 4 Pour mixed epoxy into a "job" bucket
- 5 Mix for additional 10-15 seconds in "job" bucket
- 6 Remember..."Out of the Bucket, Onto the Floor"- Using a magic trowel, notched squeegee, or roller, apply seal coat
- 7 Let Dry

SEALING

- 1 Apply desired topcoat (Optional)
- 2 Remove all protective specialty tape, paper, plastic, etc
- 3 Make sure project area is clean, presentable, and free from debris



PRODUCTS & COVERAGE

Appropriate Concrete Protector repair products (see prep manual)

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
1 CT-1035	Solvent for cleaning		
2 EN-6303	Epoxy Neat Coat	55-70 sq. ft. per gallon	*Dry Time = 8-16 hrs.
		Border 100-150 sq. ft. per gallon	*Dry Time= 8-16 hrs.
		Sealer 80-100sq. ft. per gallon	*Dry Time= 8-16 hrs.
3 MQ-001- MQ-030	CP Metallic Marble Pigments	1 Bottle Metallic Pigment to every 2 gallons of Epoxy Neat Coat Part A	
4 SE-2809 - SE-2836	Barricade Acrylic Color Pak	8oz. Barricade Acrylic Color Pak to 1 gallon of Epoxy Neat Coat Part A	
5 MQ-601L - MQ-606L	Marbelizing Spray	20-300 sq. ft	

TOP COAT OPTIONS

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
1 UT-4501	< WB 421 Gloss	175-500 sq. ft. per gallon	*Dry Time = 5-7 hrs.
2 UT-4499	< WB 221 Satin	175 - 500 sq. ft. per gallon	*Dry Time = 5-7 hrs.
3 UT-4513	# SLV P90	175 - 250 sq. ft. per gallon	*Dry Time = 4-8 hrs.
4 TJ-3113	< High Noon Acrylic Floor Finish	1500-3000 sq. ft. per gallon	*Dry Time = 1-2 hrs.
5 TJ-3125	< Satin Armor Acrylic Floor Finish	1500-3000 sq. ft. per gallon	*Dry Time = 1-2 hrs.

* 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.

** Can be used as an optional topcoat with Neat Coat Epoxy

> EXTERIOR ONLY

INTERIOR/EXTERIOR

< INTERIOR ONLY

TOOLS

SKU:	TOOL:	SKU:	TOOL:
1 TP-7505	¼" Green Specialty Tape	10 RL-4309	18" Paint Tray
2 TL-7235	Mixing Tarps	11 TL-7393, TL-7395	Threaded and Tapered Roller Poles
3 TL-7127	Large Low Viscosity Wand	12 TL-7353, TL-7349	Spiked Shoes
4 TL-7103	Magic Trowel (18" popular size)	13 RL-4343	2" Chip Brushes
5 RL-4323, RL-4341, RL-4313	4", 9", or 18" 3/8" Nap Roller Covers	14 TL-7303	Pail Opener
6 RL-4325, RL-4335, RL-4319	4", 9", or 18" Roller Frames	15 TJ-3100, TJ-3115, TJ-3119	Micro Fiber Frame, Pole and Pad
7 TCR-1001	WTF Top Coat Roller	16 ET-7257	3/16" Notched Squeegee
8 RL-4317	Roller End Caps	17	Low-Speed Drill
9 TP-7507	2" Green Tape	18	5 Gallon Mixing buckets

COST & PRICING

1 Typical Product Cost: \$2.70 - \$3.00 sq. ft.

2 Typical Pricing: \$7.00 - \$12.00 sq. ft.



BENEFITS & FEATURES

- 1 Application temperatures between 55 F-85 F
- 2 1,000's of color combinations
- 3 Glow-in-the-Dark Options
- 4 Commercial Grade Products

Italian Marble is a timeless flooring option that has graced the finest castles, mansions, and hotel lobbies for centuries. The Concrete Protector was the first company in the decorative concrete industry to accurately reproduce this high-end look for your most discerning customers.

The Concrete Protector's Italian Marble Epoxy system adds a unique marbling spray process to our classic Metallic Marble stain to reproduce the elegant veining and patterns that have made marble so sought after.

Use our realistic marble technique to add sophistication and depth to your next project.

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.**

You must pre-mix Part A for 3 minutes **BEFORE** pouring out of the bucket and adding metallic pigment to it.

1.5 - 3 mixed gallons at a time is a typical amount to work with for each color batch (use appropriate workforce for the size of project that you are doing).

It is a good idea to have each area of your whole project pre-measured & marked off before starting with your prime coat. Even though this is not as critical in the prime coat, you'll definitely want to be getting your average of 60 sq. ft. per gallon when you get to your marble coat.

When Magic Troweling your marble coat: Pull the epoxy across the floor to blend one color over the other and evenly cover the previous coat (use the magic trowel to pull and apply epoxy along the edges of the walls and around other obstacles). After you have your batched area coated, walk back into the epoxy to where you started, and lightly float the magic trowel over the surface of the colored epoxy (like washing a window with a squeegee . . . lightly floating the magic trowel over the surface of the epoxy to help level it out).

All colored ribbons, drips, and puddles should be manipulated with your magic trowel, rollers, or a combination of these to “smear” one color over top of and with the other colors to blend and marbleize.

Single Metallic colors look great as well as 2 color combos. Keep in mind that the more colors you do, the more complex the project becomes (with a greater chance for error).

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.

Do not use a high-speed drill. Do not mix so fast that you get the “tornado effect” in the product as it spins around the bucket (at this speed, you may suck air down into the epoxy . . . potentially entrapping it and possibly causing bubbles).

Make sure the room is at a steady temperature or the temperature is on the decrease when applying the epoxy. A room with floor temps rising while curing may cause the slab to breathe out and possibly cause outgassing bubbles.

It is a good idea to have ALL of your Marble Coat batches pre-measured ahead of time (for both colored Part A Resin & Part B Hardener). This is called “batching”. This way, all your mixer has to do is pour the Part B into the colored Part A and then mix. The less thinking involved in the mixing step, the less chance there is for mistakes.

Use the appropriate labor force for the job that you're doing. Most residential projects may require 3 workers. One person dedicated to mixing only. One person as your “runner”, taking buckets of mixed epoxy from the mixing area to the floor, and one person as the main applicator/finisher.

Mark all “job” buckets to visually indicate the job buckets from mixing buckets. Apply painters tape around the buckets that you are designating as “job buckets” to clearly indicate which buckets are job buckets and which buckets are mixing buckets. You DO NOT want to take mixing buckets (with possible unmixed Part A or B dripping off the bottom of it from a messy mixing station) onto your floor.

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

**TIPS & TRICKS (CONT.)**

When mixed epoxy is poured into your job bucket, make sure that the job bucket is sitting on a clean surface.

While removing the tape from the borders, you may notice a little bit of bleed. Any bleed can be removed by using a cloth dipped in xylene or acetone, scraping with a razor blade, or both.

Utilizing cardboard placed on both sides of the border while spraying the border with marbelizing spray is an easy way to protect the rest of the floor from overspray.



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COLOR CHART

METALLIC MARBLE COLOR CHART



DREAMSICLE



OCTOBER BLAZE



HONEY



FOREST



GRAY



ROYAL PURPLE



CORAL



BOWSER BEAN



OCEAN SHIMMER



GREEN APPLE



BATTLESHIP GRAY



DEEP MOCHA



BLUE LAGOON



GRAPHITE



JADE



MERMAID



BLUE JEAN



MOCHA



PEARL



SMOKE SCREEN



BLUSH



SCARLET



BURNT UMBER



LINCOLN PENNY



SAND

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COLOR CHART

BARRICADE ACRYLIC COLOR PAK



LIGHT GRAY



VANILLA



TAUPE



MEDIUM GRAY



BUFF



CHOCOLATE



DARK GRAY



LIGHT TAN



BRICK RED



CHARCOAL



DARK TAN



TILE RED

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COLOR CHART

ITALIAN MARBLE & MARBLEFLEX ACCENT SPRAY COLOR CHART



BLACK



WHITE



SILVER



GOLD



RED



BLUE

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