



# VENETIAN STONE





## 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...

### GROUT COAT

- 1 Set up mix station
- 2 If spraying, set up and test spraying equipment
- 3 Using "mixed" HD Resin (1:1 with water), combine "mixed resin" (7-9 qts.), texture mix (1 bag), and mineral pigment for desired color  
Mix for 3-5 minutes
- 4 Using a magic trowel or hopper spray gun, apply grout coat over surface
- 5 Let dry
- 6 Address imperfections in grout coat by scraping
- 7 Using stencil tape, tape out design (if desired)

For in- depth taping instructions, visit <https://theconcreteprotector.com/decorative-concrete-university/>

### TEXTURE COAT

- 1 Using "mixed" HD Resin (1:1 with water), combine "mixed resin" (7-9 qts.), texture mix (1 bag), and mineral pigment for desired color  
Mix for 3-5 minutes
- 2 Using a cup or container, pour texture onto grout coat in small areas
- 3 Using a metal hand trowel, "smear" puddles of texture over entire floor using short, random strokes
- 4 Let dry
- 5 Address imperfections in texture coat by scraping
- 6 Pull tape
- 7 Remove all dirt and debris from floor
- 8 Apply stain using desired technique
- 9 Let dry



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## SEALING

### INTERIOR:

- 1 Apply Neat Coat Epoxy (2 Parts A to 1 Part B)
- 2 Apply desired top coat (optional)
- 3 Remove all protective specialty tape, paper, plastic, etc...
- 4 Make sure project area is clean, presentable, and free from debris

### EXTERIOR:

- 1 Apply Acrylic Sealer
- 2 Apply 2nd coat of Acrylic Sealer
- 3 Remove all protective specialty tape, paper, plastic, etc...
- 4 Make sure project area is clean, presentable, and free from debris



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## PRODUCTS & COVERAGE

Appropriate Concrete Protector repair products (see Prep Manual)

SKU:	PRODUCT:	COVERAGE:
1 DM-3913	Concrete Protector Texture Mix	150-250 sq. ft. per bag/ *Dry Time= 1-6 hours
2 DM-5406	Concrete Protector HD Resin	Mixes 3-5 bags of texture mix
3 DC-2022 thru DC-2099	Concrete Protector Mineral Pigment Colorants	1-8 oz. per bag

## SEALER OPTIONS

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
1 SE-2807	> Barricade 50 Acrylic	mixed 1:1 with approved solvent, 140-200 per. sq. ft. per gal.	*Dry time = 1-3 hrs.
2 SE-2803	> Acrylic Shield 25	140-200 sq. ft. per gal. 55-120 sq. ft. per gal. 175 - 500 sq. ft.	*Dry Time = 1-3 hrs.
3 EN-6303	< Epoxy Neat Coat	per gal. 175 - 500 sq. ft. per gal.	*Dry Time = 8-16 hrs.
4 UT-4501	< WB 421 Gloss**		*Dry Time = 5-7 hrs.
5 UT-4499	< WB 221 Satin**		*Dry Time = 5-7 hrs.
6 TJ-3125	< Satin Armor Acrylic Floor Finish**	1,500 - 3,000 sq. ft. per gal.	*Dry Time = 1-2 hrs.
7 TJ-3113	< High Noon Acrylic Floor Finish**	1,500 - 3,000 sq. ft. per gal.	*Dry Time = 1-2 hrs.

\*\* 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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> EXTERIOR ONLY

# INTERIOR/EXTERIOR

< INTERIOR ONLY



## TOOLS

SKU:	TOOL:	SKU:	TOOL:
1 TP-7517-- TP-7521	Stencil Tape	16 TL-7127	Large Low Viscosity Wand (mixing)
2 TP-7507	2" Green Specialty Tape	17 ET-7255	1/8" Notched Squeegee
3 TL-7235	Mixing Tarps	18 TL-7103	Magic Trowel (18" is a popular size)
4 MX-3253	Drill Mixing Stand	19 TCR-1001	WTF Top Coat Roller
5 MX-3251	Hand Held Mixer	20 RL-4317	Roller End Caps
6 MX-3245	Mixing Paddle	21 RL-4309	18" Paint Tray
7 RL-4321	3/4" Nap Jumbo Roller Cover	22 TL-7303	Pail Opener
8 RL-4303	HD Jumbo Frame	23	Metal Hand Trowel
9 TL-7361-- TL-7365	Assorted Mixing Containers and Cups	24	Low-Speed Drill
10 RL-4325, RL-4335, RL-4319	4", 9", or 18" Roller Frames	25	Tape Measures or Pre-Cut Sticks
11 RL-4323, RL-4341, RL-4313	4", 9", or 18" 3/8" Nap Roller Covers	26	5 Gallon Mixing Buckets
12 TL-7393, TL-7395	Threaded and Tapered Roller Poles		
13 RL-4343	2" Chip Brushes		
14 TL-7107	Stand Up Metal Scraper		
15 ET- 7355	Hudson Never- Pump Sprayer		

## COST & PRICING

- 1 Typical Product Cost: \$1.00 - \$2.00 sq. ft.
- 2 Typical Pricing: \$4.75 - \$8.00 sq. ft.

## BENEFITS & FEATURES

- 1 Super Durable & Easy To Maintain
- 2 Indoor / Outdoor Installations
- 3 Unlimited Color Selections
- 4 Not affected by floods if installed in a basement
- 5 Perfect to be installed over heated slab applications
- 6 Environmentally Friendly & Sustainable
- 7 Application temperatures between 55-95 degrees

Polymer-infused cementitious texture is used to create a permanent decorative finish on any existing concrete surface. Transform your home or business with this high-end looking finish – inside and out. Sidewalks, basement floors, patios, showrooms, porches, commercial areas, pool decks, living areas and more.

This custom slate texture gives you an authentic look and feel with coloring that resembles hues found only in expensive flooring options (ie: acid stained concrete, upscale ceramic tiles . . .). Integral color variances created with mineral pigments and optional antiquing methods will make the Tuscan Slate finish your preferred concrete resurfacing system!

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## TIPS & TRICKS

### 1 THE MOST IMPORTANT TIP:

***“OUT OF THE BUCKET AND ON TO THE FLOOR”  
DO NOT POUR HOT EPOXY ON YOUR PROJECT.***

Leaving the epoxy too long in the bucket will cause it to heat up and start smoking.

### 2 RESIN

Make sure you use cool water to mix your resin (don't use water that has been baking in the sun all day from a garden hose). Hot mixed resin = faster texture = less fun 😊

Mixed Resin = 1:1 mix of concentrated HD Resin + Water.

When making “Mixed Resin”, do not spray the top of the resin from the nozzle of a garden hose (this will cause the resin to foam and it will take longer to fill properly).

### 3 TOOLS & MASKING

Keep your trowels clean. Designate certain trowels for texture and other trowels for epoxy. Magic trowels and hand trowels with dried epoxy or texture on them will not allow you to put your texture down as smooth as possible.

When masking walls, use painter's tape along the base molding (approximately 1/16" up from the floor). Run 1/2" stencil tape on top of the base of the painter's tape (this fiber-reinforced tape makes it easier to pull tape when finishing up).

### 4 GROUT COAT

Most contractors prefer a “looser mix” on the Grout Coat for ease of application with the magic trowel. 9 quarts of mixed resin per bag of texture for this coat is typical.

When applying grout at the recommended square footage, when it is dry, it should feel like sandpaper. Also, DO NOT apply too thick (trying to create “build”) with this coat. This texture is NOT meant to fill or be applied thick. Wait until the grout coat is completely dry before attempting to design with stencil tape. On interior projects, this means waiting until the next day.

### 5 DESIGN

Tile, Diagonal Tile, Ashlar Slate, and Grand Flagstone are the most common designs done with this texture. With that being said, a completely **seamless** Venetian Stone Texture (no taped design . . . just texture and color) is hard to pull off in most situations. **Every trowel line is visible and much practice is needed to pull this look off . . . some have referred to this look as the look of “frosting on a cake”** 😊. The grout lines of any design pattern will break up most trowel lines and the project will look more pleasing to the eye.

Speaking of control cuts and expansion joints on exterior projects, you are honoring any existing control cuts/expansion joints (you are not filling them in).

Tile and diagonal tile designs are best sold as larger tile 24" - 36" tile. The bigger the tile, the less taping you have to do laying out the design! The same thing goes for the Grand Flagstone design.

Ashlar Slate design is random squares and rectangles.

Borders taped out around the edges of the slab can make for a nice decorative touch (if that is what your client is desiring). Borders can be textured with a different integral color mix or stained a different color after it is dry. A Diagonal Tile or Ashlar Slate Pattern on the interior of the border looks great!

### 6 TEXTURE COAT

Most contractors prefer a slightly “thicker mix” on the Texture Coat compared to the Grout Coat. 7.5 - 8 quarts of mixed resin per bag of texture for this coat is typical.

If doing a design, make sure to do 100% coverage over design lines in order to highlight grout lines. However, it should be applied thin enough as to slightly see the tape lines through the texture.

### 7 TROWELING

Texture should be applied thin enough as to slightly see the tape lines through the texture. You should be getting approximately 175 sq ft per bag of texture when troweling like this.

Thinner is better than thicker. The slight texture created by troweling like this (subtle highs and lows) does not stand out that much until the surface is stained (with stain settling in the “lows”).

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## TIPS & TRICKS (CONT.)

Don't move your trowel in a "windshield wiper" type of motion (you will be able to see all of the texture moving in the same pattern/direction if you do).

If multiple people are troweling on the project, switch back and forth with each other every few minutes (everyone has their own unique troweling technique and if you stay on one side of the slab while someone else is always on the other side, you will be able to see a distinct texture difference between the two areas).

Practice makes perfect! 😊 Practice on sample boards and/or your own concrete to make sure you get the technique down.

Sell projects off of something you've done (ie, sample boards where you know the technique and coloring recipe).

When removing stencil tape, put pressure and pull on the tape towards you as you lift up the lines of tape. IF you pull/bend the tape over against the texture, you will leave many strands of tape fiber embedded (and you'll have to spend a bunch of time trying to scrape it out).

When sweeping and vacuuming up the debris from scraping and pulling tape, DO NOT ROLL YOUR VACUUM across the floor. You may (and probably will) leave marks. PICK UP the vacuum, set it down and repeat this process as you need to.

## STAINING

- 8 Pump up sprayerswork great to spray stain over your texture. There are multiple techniques to stain: 2-3 colors sprayed "wet-on-wet" or one stain followed by another after the first one has dried. The biggest thing to remember is to start light (you can always apply more). Practice on sample boards ahead of time to get the look you are going for.

The reason we typically go with a dark grout coat is to allow us to pull stencil tape and stain by allowing the stain to flow to the low areas.

Light-colored grout lines require different techniques for staining (not staining to slight puddling). Leaving the tape on and spraying stain to puddling will still have stain bleed under the tape and on the light-colored grout lines. Leaving the tape on and staining with HVLP or airless sprayers would be required (or individually staining tile or other designs with foam brushes).

The stain needs to be completely dry before sealing.

## SEALING

- 9 **Exterior Sealing:**

Work in smaller areas. Roll out sealer and then crosshatch without re-dipping. "Thin to win".

Seal when surface temps are steady or going down (evening is typically a good time to seal). When slab temps are increasing, concrete is breathing out and bubbles can happen. When slab temps are decreasing, concrete is breathing in / sucking the sealer into it.

If you see "spiderwebbing" in the acrylic sealer while rolling, it means that area is already drying or your roller is dry.

Wait until the first coat is dry before applying the second coat (you don't want to step in sticky sealer and cause discoloration or damage to your uncured coating.)

### **Interior Sealing:**

Neat Coat Epoxy is ideal for "build" to smooth out the low areas. It can be applied anywhere from 55 sq. ft. per gallon and higher. Applying at 55 - 65 sq. ft. per gallon is obviously going to give you more build and a smoother surface than when applied at 100 - 120 or more sq. ft. per gallon. With that being said, many clients like the texture of Neat Coat Epoxy applied at 90 - 100 sq. ft. per gallon, but if they are wanting a completely smooth floor (they want to see the texture but not feel it), you'll have to apply and charge for 2 thicker "build" coats.

The **MOST IMPORTANT TIP WHEN USING EPOXY: "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.**

Use The Concrete Protector's **large low viscosity mixing wand** for mixing Neat Coat Epoxy. This is the correct mixing wand to ensure that you are not whipping air into your epoxy.

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## TIPS & TRICKS (CO N T.)

Whenever you break a kit of Neat Coast Epoxy, you must premix Part A for 3 minutes BEFORE pouring out of the bucket.

1.5 - 3 mixed gallons at a time is a typical amount to work with.

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.

Do whatever it takes to control room temps. If it means putting aluminum foil on the windows to block and reflect the sun, then do it.

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.

Make sure you have a “mixing bucket” and a “job bucket”. When mixed epoxy is poured into your job bucket, make sure that the job bucket is sitting on a clean surface.

If wearing spiked shoes when applying your epoxy, make sure you are wearing dull or rounded spikes. Sharp spikes + a heavy installer = floor damage. Consider investing in rubber sport cleats if you need to walk in your epoxy while installing.

## 10 REPAIRS IF NEEDED:

Scratches in epoxy: Using a non-scratch Scotch Brite pad, rub surface, then clean to see if that removes the scratch. You may then have to “spot wax” with our acrylic floor finish (High Noon or Satin Armor Floor Finish) . . . only if necessary.

If there is a deeper scratch and the Scotch Brite pad/wax doesn’t do the trick, use 220 grit sandpaper or screen (or higher) to lightly sand the spot/area then 1 - 3 coats of acrylic floor finish.



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## COLOR CHART

# CEMENTITIOUS COLOR CHART



Use this color chart **ONLY** when integrally coloring your texture mix and **NOT** when you plan on staining after texture is set.

Almond:	1 tbsp. brown + 1 tbsp. yellow + 1 tbsp. black	Mocha:	7 oz. brown
Amazon:	3 oz. black + 4 oz. green + 1/4 oz. yellow 7 oz.	Moss Green:	2tbsp.black+ 1tbsp.yellow
Berkley Brown:	brown + 3 oz. black 3 tbsp. brown + 1 tbsp.	Navajo:	2 tbsp. brick red + 2 tbsp. brown + 3 tbsp. black
Butterscotch:	yellow + 1 tbsp. black 3 tbsp. brick red + 2 oz.	Palisades:	5 tbsp. black + 4 tbsp. brown + 1 tbsp. yellow
Cajun Red:	black 4 oz. brick red + 3 tbsp. black 1/2 oz.	Platinum:	3oz.black
Carioca:	buff 3 oz. buff 3 oz. brick red + 1 oz. yellow +	Promenade:	1/2oz.black
Colony Buff:	2 oz. brown 4 tbsp. black + 2 tbsp. yellow 1	Rambling Rose:	6 tbsp. black + 2 tbsp. brick red
El Dorado:	oz. black 2 oz. black + 2 oz brown + 2 oz	Roman Red:	6 oz. of brick red + 2 oz. of black + 2 oz. of brown
Fiesta:	yellow 7 oz. black	Sandstone:	1/4 oz. buff
Grenada Green:		Sanibel Sand:	1/2 oz. buff + 1/4 oz. black
Gibraltar Gray:		Stone:	3 tbsp. black + 1 tbsp. brown
Mesa Buff:		Texas Tan:	1 oz. buff
Midnight Gray:		Tungsten Grey:	1/4oz.black

**COLORS ARE APPROXIMATE:** Accent, measurement, and the way they are sprayed can affect final color shade: 1.5 Tbsp.\* = 1 oz.; 1 capful = 1 oz.; 32 oz. = 1 quart (Some measuring cups are marked in ounces) \* tbsp. = tablespoon • tsp. = teaspoon

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COLOR CHART

# NATURAL MINERAL STAINING CHART



BUFF SAND



SLATE GRAY



DEEP PINE



ANTIQUÉ GRAY



NUTMEG



SLATE BLUE



DARK BROWN



DARK RED



CRIMSON WALNUT



TERRA COTTA



CEDAR RED



CHESTNUT BROWN

1. Combine 3 parts of water with 1 part RTU Resin

2. Stir until blended

3. Add desired color combination from chart

Buff Sand: Slate 3 oz. Buff

Gray: Deep Pine: 2.5 oz. Black + .5 oz. White

Nutmeg: Slate 2.5 oz. Black + .5 oz. Green

Blue: Cedar Red: 1.5 oz. Buff + 1.5 oz. Black

Dark Brown: 2.5 oz Black + .5 oz. Blue

Dark Red: 2 oz. Buff + 1 oz. Red

Crimson Walnut: 1.5 oz Brown + 1.5 oz. Black

Antique Gray: 1.5 oz. Red + 1.5 oz. Black

Chestnut Brown: 1.5 oz. Red + 1.5 oz. Brown

Terra Cotta: Tbsp. Graphite Metallic

2 oz. Buff + 2 oz. Brown...OR (1 oz. Red + 1 oz. Yellow + 1 oz. Black can produce a similar color)

2 oz. White + .5 oz Red + .5 oz. Yellow + .25 oz. Black

# SMITH STAINS COLOR CHART



AMBER



BARK BROWN



DESERT SAND



WOOD FLOOR

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