



GRANIFLEX™ Tape Design

STEP-BY-STEP MANUAL





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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/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) Premix PermaFlex until well blended
- 3) Add correct measurements of PermaFlex Catalyst (1.6 oz. per 1 gal.), and PermaFlex Accelerator (6.4 oz. per 1 gal. for slow set/ 12.8 oz. per gal. for fast set), mix until well blended
- 4) Add desired amount of solvent (10%-20% by volume), mix until well blended
- 5) Pour mixed product on floor in a ribbon pattern
- 6) Wearing spiked shoes and using a 1/8" notched squeegee, spread PermaFlex on floor
- 7) Using a 3/8" nap roller, backroll for consistent coverage
- 8) Let dry
- 9) (Optional) LRB Flood Coat (15%-25% water + **LRB Catalyst**)

Tape Design:

- 1) Using stencil tape, tape desired design onto floor
- 2) Tack down firmly

Broadcast Coat:

- 1) Pre-mix PermaFlex until well blended
- 2) Mix in correct measurements of PermaFlex Catalyst (1.6 oz. per 1 gal.), and PermaFlex 3)Accelerator (6.4 oz. per 1 gal. slow set/ 12.8 oz. per gal. fast set) to pre-mixed PermaFlex until well blended
- 3) Mix in desired amount of solvent (10%-20% by volume) until well blended
- 4) Pour mixed product on floor in a ribbon pattern
- 5) Wearing spiked shoes, use a 3/8" nap roller, backroll for consistent coverage
- 6) Broadcast Color Flakes
- 7) Let dry
- 8) Using a leaf blower or broom and dustpan, collect excess flakes
- 9) Using a Stand Up Metal Scraper, scrape the entire floor in one direction, then cross-hatch
- 10) Remove tape, revealing the desired design (Option* Remove tape after first tight coat of sealer)
- 11) Using a vacuum, remove all dirt and excess color flakes from floor





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SEALING

Interior:

- 1) Apply desired sealer
- 2) Apply desired topcoat (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 desired sealer
- 2) Apply 2nd coat of 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:	DRY TIME:
SI-1622--SI-1624	LRB	40 ft. per gal.	*4-6 hrs
PFA-1002--PFA-1014	PermaFlex	200-260 sq. ft. per gal.	*1- 8 hrs.
P-5826--P-5828	PermaFlex Catalyst		
P-5820--P-5822	PermaFlex Accelerator		
CP Color Flakes		5-7 ft. per pound	

SEALER OPTIONS

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
EN-6303	< Epoxy Neat Coat	90-160 sq.ft. per gal	*8-16 hrs.
UT-4501	< WB 421 Gloss **	175-500 sq. ft. per gal.	*5-7 hrs
UT-4499	< WB 221 Satin **	175-500 sq. ft. per gal.	*5-7 hrs
UT-4513	# SLV Poly 90**	175-250 sq. ft. per gal.	*4-8 hrs
TJ-3113	< High Noon Acrylic Floor Finish**	1500-3000 sq. ft. per gal.	*1-2 hrs.
TJ-3125	< Satin Armor Acrylic Floor Finish**	1500-3000 sq. ft. per gal.	*1-2 hrs.
UT-4403-UT-4401	> GraniSeal	160-240 sq. ft. per gal.	*1-2.5 hrs.
UT-4403-UT-4401	# Perfect Poly 90	100-200 sq. ft. per gal.	*1-2.5 hrs.
STA-1016, STA-1018	# SuperThane	180-220 sq. ft. per gal.	*1-6 hrs

** Used as an optional topcoat with Neat Coat Epoxy < INTERIOR ONLY

* Coverages and dry times vary depending on application techniques and temperature. Estimations > EXTERIOR ONLY

are based on 70 degrees, 30 percent relative humidity. For more information, refer to TDS sheets. # INTERIOR/EXTERIOR



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TOOLS

SKU:	TOOL:
TP-7507	2" Green Specialty Tape
TL-7235	Mixing Tarps
TL-7361-- TL-7365	Assorted Mixing Containers and Cups
RL-4325, RL-4335, RL-4319	4", 9", or 18" Roller Frames
RL-54323, RL-4341, RL-4313	4", 9", or 18" 3/8" Nap Roller Covers
TL-7393, TL-7395	Threaded and Tapered Roller Poles
RL-74343	2" Chip Brushes
TL-7107	Stand Up Metal Scraper
ET-7255	1/8" Notched Squeegee
TCR-1001	WTF Top Coat Roller
RL-4317	Roller End Caps
RL-4309	18" Paint Tray
TL1-37353, TL-7349	Spiked Shoes
TL-7303	Pail Opener
PB1-57211--PB-7215	Pulse- Bac Vacuum
TL-7103	18" Magic Trowel
TP1-7517	Stencil Tape
	Leaf Blower/ Push Broom
	Dustpan
	Variable Speed Drill
	5 Gallon Mixing Buckets
	Mixing Paddle

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COST & PRICING

Typical Product Cost: \$2.60- \$3.80 per. sq. ft.

Typical Pricing: \$7.50- \$10.50 per. sq. ft

BENEFITS & FEATURES

- Beautiful granite-like resurfacing
- Fast turn-around times
- Landscaping isn't torn-up like on typical concrete tear-out and replacement
- Unlimited color options with flake color blends and designs
- Less expensive than replacement
- Unique...not the same old gray

The GraniFlex Tape Design system is a flexible and beautiful rubber membrane system. Perfect application for pool decks, driveways, sidewalks, patios, porches, garage floors, basement floors, kitchen areas, restrooms, living areas and more. Useful for both exterior or interior! The flexible penetration technology of this product never gets brittle over time and cures as tough as truck tires INSIDE the capillaries of your concrete. 1000's of colorful flake combinations

This system creates the elegant look of granite or quartz designs (specifically tile) without the dirt catching grout lines. This high quality flooring option provides a custom design as well as durability and chemical resistance.



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TIPS & TRICKS

● Opening buckets

A five-gallon pail of Permaflex has a deep lid (compared to the one-gallon pail of Permaflex) and it is hard to remove . . . UNLESS, you use the following method to remove it:

- With a utility knife, cut every 2.5 - 3 inches around the lid and then use a plastic pail opener to remove

● Accelerator

- The “slow-set” or “regular-set” time is 4-6 hours (and is what you get when you add the accelerator that automatically comes along with your Permaflex). This slow set amount is 5% accelerator by volume (6.4 oz of accelerator per gallon).
- Additional Accelerator can be purchased to speed up set time to a 1-2 hour set time (“fast-set”). Humidity in the air is the biggest factor on speed of set . . . the more humidity, the faster the PermaFlex sets! 10% accelerator by volume is considered “fast-set” (12.8 oz of accelerator per gallon).

● Solvent

- Extra solvent may be required when slab temps are extremely cold. Permaflex hitting a cold, cold slab will thicken and make it harder to work with. Consider going with high solvent percentages (not exceeding 20% solvent by volume).

● Long Pot Life

- PermaFlex, unlike epoxy, can be left in the bucket and still maintain an hour long pot life.

● Prime Coat

- You can either “dip and roll” your prime coat (out of an 18” paint tray) or pour it out, squeegee (using an $\frac{1}{8}$ ” notched squeegee) and then back roll evenly with an 18” $\frac{3}{8}$ ” roller cover
- Permaflex is not like paint where it goes on one color and dries another color. (Permaflex goes on one color and stays that color. A great idea is to tint your prime coat a slightly different color. For example, adding 3-4 oz. of another color of Permaflex per gallon is a good way to shift the color.

● Bubbles

- Bubbles and outgassing are common when applying outdoors or in the sun. Roll them out while still wet and/or even after the prime coat is dry

● Taping

- When taping the design, it’s helpful to run the line of tape a little longer and attach to the wall. This makes it easier to know where the tape lines are located during the pattern removal process.

● Broadcast Coat

Using the dip and roll method for this coat can be beneficial as to not disturb the tape design.

- Scrape the floor with the metal scraper before pulling tape design to prevent damage to lines within the design.

● Removing Tape Design

Option #1

Pull the tape design before sealing the floor. Even with cleaning the flakes up really well, there might be some sealed flakes within the grout lines. It’s good practice to show the customer a sample board which shows what the finished product will look like.

Option #2

Apply the first seal coat tightly to lock down the flakes. When dry, pull the tape. Apply a second coat of sealer, keeping nice, clean grout lines. Pulling tape will be more difficult.



GRANIFLEX COLOR CHART



DOMINO 1/4"



DOMINO 1/8"



DOMINO 1/16"



DOMINO 1/32"



SMOKY MOUNTAIN SLATE



OBSIDIAN



TUSCAN TRAVERTINE



JO ALMOND



SPALLINGER



TERRIER



GRAVEL



CREEK BED



BASALT



PUMICE



MONTANA RIVER BED



SCHIST



BRAZILLIAN UBATUBA



GARNET



COPPER CANYON



TENNESSEE STONE

Many other color options available!



CP Texture Fusion



PERMAFLEX



DARK TAN



MEDIUM GRAY



OFF WHITE



BLACK