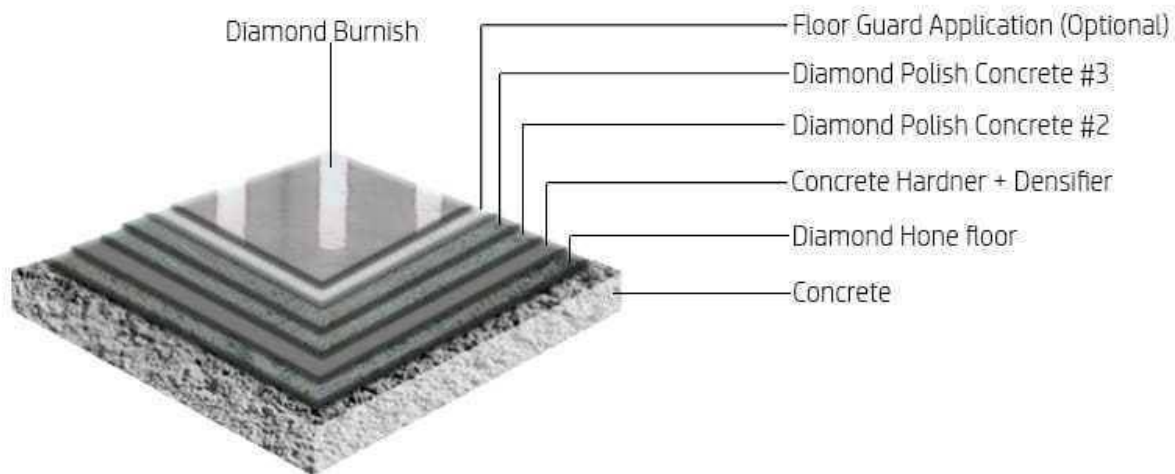


POLISHED LEVEL 3

INTRODUCTION

The polished concrete floor level 3 produces a satin to gloss sheen polished concrete finish. On brand new, hard troweled concrete floors this floor produces a sleek polished finish with great surface sheen and clarity. This method utilizes both planetary floor grinders, and propane style burnishers, both outfitted with diamond tools. Like all our systems it utilizes our impregnating densifier to harden and seal the floor. Our polished concrete dye can be added to this system as well!

This system is our number one, "go to", system for both new and old floors. It provides the look and durability of a fully polished floor (level 4), but takes significantly less time to complete. If you want a great looking polished concrete floor, but don't need to 'see through it'.... this is your system!



STEP 1

Choose the right diamond tool to start polishing the floor with based on the following:

- **New Floors that have been laser screened and ride on power trowel finished:**
 - 100 or 200 [CFS FLX](#) Copper Resin
- **Older floors, poorly troweled, or new floors that aren't power troweled:**
 - Should start with 50 grit FLX Copper Resin
- **Older Floors with damage:**
 - Should start with [60/80 grit pizza segments](#) or lower.
 - Remember, the important work is done at the lower steps.
 - Make at least 2 slow passes overlapping each pass
 - The more down pressure (*weight*) on the pads the better
 - Utilize the proper cleaner during the first cut:
 - [Citra Pro](#) degreaser for floors with oil build up
 - [Super Blue](#) (*diluted*) for old dingy floors that need revitalized
 - [Lythic Cleaner](#) for floors with standard 'dirt'

NOTE: IF THE FLOOR HAS BEEN SEALED WITH A MEMBRANE FORMING CURE AND SEAL THIS NEEDS TO BE REMOVED. THIS CAN BE REMOVED BY USING OUR CITRA PEEL COATING REMOVER AND A BLACK FLOOR PAD. DO THIS PRIOR TO ANY POLISHING.

STEP 2

Continue polishing the floor utilizing successive grits of the [CFS FLX Copper Resins](#).

I.E. IF YOU STARTED WITH A 50 GRIT, YOUR SUCCESSION WOULD BE:

- 50
- 100
- 200

STEP 3

Clean slurry off the floor after each step. Don't let slurry dry.

STEP 4

After 200 grits [CFS FLX Copper Resins](#) make sure floor is clean and free from footprints, dirty water spots etc.

- Using an [Auto Scrubber](#) to clean is recommended.
 - You'll save tons of time and have a better floor.

FOR THOSE WHO HAVE A BASEMENT OR AN AREA WHERE THE LARGER AUTO SCRUBBER WON'T FIT WE SUGGEST USING OUR [SMALL AUTO SCRUBBER](#)

STEP 5

Densify the floor with Lythic Denisfer.

- Lythic Densifiers can be applied to new or existing concrete. Application may vary depending on the type of project and other jobsite specifics.
- Agitate Lythic Densifiers (Ready-to-Use) mixture before pouring into sprayer
- Pour mixture into sprayer. Keep sprayer pressure at optimized level, allowing even distribution when applying to a concrete surface.
- Spray apply mixture by holding spray tip 12-24 inches above surface and move in a circular motion to achieve even distribution.
- Spray enough to form an even sheen and ensure complete saturation of the concrete surface. Avoid puddling.
- Keep the surface wet for 10 to 15 minutes, applying additional mixture only as needed.
- Areas of higher porosity will require more Densifier.
- Allow surface to dry completely before further operations commence.

STEP 6

Continue the polishing process utilizing [Tornado Satellite Pads](#) on a [Propane Burnisher](#) making two passes for each grit. **Run pads fully wet. Do not skip grits or you won't get the results.**

GRIT SUCCESSION FOR TORNADO SATELLITES ARE AS FOLLOWS:

- 400
- 800
- 1500

STEP 7

Clean the floor with an Auto Scrubber

STEP 8

Dry Burnish floor with a high-speed floor buffer (*propane is preferable*) and a 3000-grit [Tornado Diamond Pad](#). Leaf blow any dust.

STEP 9

Apply [Lythic Stain Protector](#) (**two coats**)

- Allow to dry and buff with hogs' hair or white buffing pad.
- A 3000-grit pad will work if the stain protector is allowed adequate time to dry