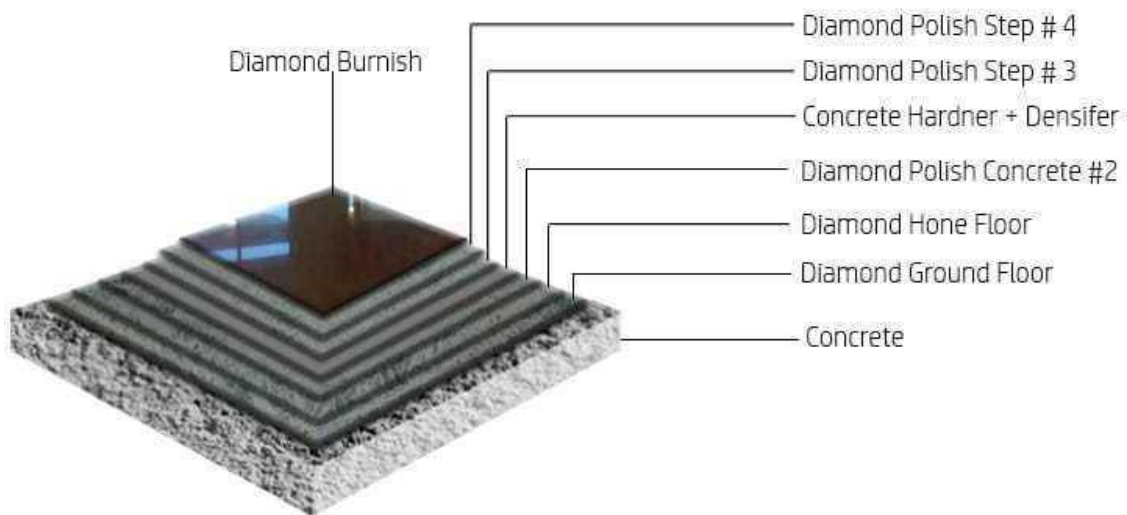


# POLISHED CONCRETE LEVEL 4

## INTRODUCTION

This system is the most traditional system of polishing concrete floors. Grinding, honing and polishing concrete with this method can produce great effects with aggregate exposure and provides a 'flat', clear look.



## 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-grit [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.

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 floor with [Lythic Densifier](#)

- 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 5

Continue the polishing process utilizing [CFS FLX Copper Resins](#) 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 6

Clean the floor with an Auto Scrubber

#### STEP 7

Dry Burnish floor with a high-speed floor buffer (*propane is preferable*) and a [3000 grit Tornado double sided diamond pad](#).

- Leaf blow any dust.

#### STEP 8

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

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

THIS METHOD IS CONSIDERED BY MANY AS "FULL POLISH"