

POLISHED LEVEL 2

INTRODUCTION

The polished concrete floor level 2 produces a satin sheen polished concrete finish. On brand new, hard troweled concrete floors this floor produces a very clean look and even sheen like a Wal-mart or Sam's club. In fact, this method was modeled after the owner of Concrete Floor Supply's experience with their flooring program.



STEP 1

Choose the right Tornado Satellite pad to start polishing the floor with based on the following:

- New Floors that have been laser screened and ride on power trowel finished = 400 satellite pad
- Older floors, poorly troweled, or new floors that aren't power troweled should start with 30 to 50 grit pads.

REMEMBER, THE IMPORTANT WORK IS DONE AT THE LOWER STEPS.

STEP 2

Utilized the Tornado Satellite on any of the following tools:

- [Propane burnisher](#)
- [Slow speed floor buffer](#)
- [Auto Scrubber](#)

Make at least 2 slow passes overlapping each pass with the [Tornado Satellite Pads](#)

- New floors 400
- Old floors 30,50,100, 200,

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 3

After making the initial cuts (*400 cut new floor, 200 cut old floor*) with the [Tornado Satellite Pads](#), 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 4

Densify the floor with Lythic Deniser.

- 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 making two passes for each grit.

IE: IF YOU STOPPED AT THE 200 TO DENSIFY, CONTINUE POLISHING WITH SUCCESSIVE GRITS (400, 800, 1500). DO NOT SKIP GRITS OR YOU WON'T GET THE RESULTS. GRIT SUCCESSION FOR [TORNADO SATELLITE PADS](#) ARE AS FOLLOWS:

- 30
- 50
- 100
- 200
- 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 diamond Tornado Pad. Leaf blow any dust.

STEP 8

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

- Allow to dry and buff with hogs' hair or white buffing pad.
- 3000-grit pad will work if the stain protector is allowed adequate time to dry
- For added protection from oil, and better liquid repellency apply EZ Shield, then apply Lythic Stain Protector

THIS METHOD IS A FANTASTIC WAY TO MAKE YOUR CONCRETE FLOOR EASIER TO CLEAN AND LOOK BETTER. IT IS A METHOD UTILIZED BY MANY RETAILERS ON NEW FLOORS AND TO REVITALIZE OLD FLOORS.