

Colored Epoxies is designed for the DIYers and Pro's delivering artistic solid colors floors, flakes, and multi-color metallic epoxy floors. It all starts by choosing one of our in-stock 12 colors.



Step 1: Solid Color Concrete Preparation Day 1

- Start by grinding your concrete with a 7" angle grinder segmented cup wheel along with a dust shroud attachment (dust collector). You can rent a stand-up floor grinder for larger projects. Request a trapezoid metal bond 40/60 grit if they have it.
- Attaching the dust shroud to a vacuum will collect 98% of the dust.
- Fill all expansion joints in with polyuria joint caulking filler.
- For deep cracks, pre-fill with 1/4" backer rod leaving Polyethylene foam 1/2" below concrete's surface then apply Polyuria.
- Pro Tip: Prepare expansion joints first. Once Polyuria has dried, run the grinder right over the polyuria for a smooth flush cut transition.
- Concrete will become a brighter white and exceptionally porous when properly ground.
- Concrete must be dust-free before applying the epoxy. Vacuum well, power wash if necessary.
- If concrete is new, there is no need to grind concrete, however, Power Washing is highly recommended to remove all white film from concrete surfaces.

Step 2: Proper Mixing & First coat Application Day 2

- The first application is the Moisture Vapor Barrier Coat & Primer coat, we like to refer to it as the insurance coat.
- Using a pre-measured 10 Quart Pail Mix 1.5 Gallons of epoxy at a time.
- Start with 128oz (1 Gallon) of part "A" Resin followed by 64oz of part "B" Hardener combined total ounces should equal 192oz 1.5 total Gallons.
- ProTip: Pre-Mark readings on pail use a black sharpie helps to see better.
- Mix epoxies using an electric drill with a ribbon mixer for a total of 3-5 minutes slow to medium speed. Mixing too fast will create air bubbles.
- Pour mixed epoxy into Wooster wide boy bucket (see picture below of ALL tools needed)
- Use a rubber spatula to remove contents from pails & buckets.
- Using a 6" roller have helper cut in 7-10 LF ahead follow behind using 18"x 3/8" Nap shed free woven roller.
- Roll behind helper in an up and down direction. Each 1.5-gallon mix will cover 337-375 SF Coverage rates will vary by porosity.
- Once a mixed batch is finished, proceed to the next batch until the room is complete.

Step 3: Cross Roll MVB = Moisture Vapor Barrier Coat / Primer

- Once Primer & MVB coat have been applied, you may start to see small "Fish Eyes" gathered in various areas. The FAQ section below will explain fisheyes. Time to Cross Roll.
- While walking on spiked shoes, use the same saturated 18" roller to cross roll. Place the roller in the right-hand corner of the room. Walk the roller East to West (do not apply any pressure), pick up the roller and move down 18", cross-roll back West to East, and repeat the process until the room has been completely cross-rolled.
- Approximately 1.5 hours after install, you will see air bubbles starting to appear. Air bubbles are mainly from the outgassing of concrete.
- Be sure to "POP" all air bubbles with denatured alcohol or isopropyl alcohol. Use a ZEP spray bottle to mist over bubbles. Alternatively, you can use a torch or spike roller.
- Any air bubbles that don't get "POPPED" will need to be sanded off the next day prior to applying the final finish coat on day 3.
- Use 120 grit sandpaper. Be sure to clean up all dust. Use denatured to mist and wipe up afterward.

Step 4: Final Finish Application, Day 3

- There are two best practices when applying the final finish coat. Either dip and roll repeating step #2 or using a serrated V-notched 1/8" x 1/8" rubber squeegee.
- The difference between the two is mill thickness. The Dip and Roll method delivers 3-6 mills 225-250 square feet coverage per gallon compared to squeegee applied at 125 mills 120-125 square feet per gallon. Although they both cover excellent, squeegee applied delivers a higher build fluid-applied glossier finish.
- Unlike our competitors, There is no need to sand in-between coats. Our epoxies are engineered to adhere to themselves. Go ahead start the second application right away.
- If applying by squeegee it is best to mix 3 gallons at a time to allow for fast flow.
- Follow step 2 cross roll and air bubbles. There will be fewer air bubbles in the second coat as the concrete has been previously sealed.
- Congratulations DIYers you have completed your solid color application!

Metallic Epoxy floors with over 80 pearlescent mica powders to choose from. The Design possibilities are endless...



Step 5: Metallic Installation, adding metallics to fluid applied MVB / Primer & Back Drop Color.

Metallics are a combination of metallic powdered pigments mixed into clear epoxy resins and hardeners, then placed over a back wet "Drop Color" applied wet on wet.

- Start by following installation steps 1 thru 4. The back drop color is the same squeegee applied method as explained in step 4. This is the same color as the primer color, only thicker when applied with 1/8" x 1/8' notched rubber squeegee.
- Easy Math for figuring out how much primer and back drop color to purchase use 85 SF per gallon this will be enough material for both primer & backdrop color) You will still need to determine how much Metallic and Clear epoxy to add & purchase.
- For Clear epoxy: Divide the size of your room by 60 sf then divide that by 2. For example room size is 700 SF divide by 60 = 11.66 gallons of clear epoxy divide that by 2 = 5.88 gallons of clear epoxy.. Since Coloredepoxies is a 2:1 professional grade mix ratio, you would need to purchase two 3 gallon kits or six gallons in total.

Step 5: Cont... Metallic Installation Process.

- Metallic Powdered pigments mix ratio is 4oz to 1 gallon of clear epoxy. For the 6 gallon of clear 24oz would be needed or 2ea 12 oz jars of pigments. This scenario will deliver a 3 color metallic finish including the back drop color as one color.
- Pro Tip: If you want to add more colors, more swirl, more marbleization effect simply add more clear epoxy and pigments as shown in picture above.
- Prior to squeegee applying the back drop color, it is recommended to pre-mix pigments into Part "A" resin first before starting back drop color. This will keep you one step ahead.
- Immediately once back drop has been squeegeed applied, you will need to add Part 'B' hardener to pre-mixed pigments, mix well. Always maintain a 2:1 mix ratio.
- While walking on spiked shoes drizzle, splash, pour pigments over wet back drop color. Be creative.
- Use rubber spatular to remove extra contents from pails, proceed to next color, add Part "B" repeat process until all colors have been applied.

Step 5: Cont... Metallic Installation Process.

- Using your MAJIC TROWEL (refer to picture below centerpiece) glide trowel over metallics weave into backdrop color.
- For best-added effects, use a torch to wave heat over the entire floor keeping flame 6"-12" from the floor. This will deliver clarity, reflection & added glossier finish. Most importantly, it helps to shift Metallics through the backdrop color creating natural amazing artistic effects when fully cured the next day.
- For a more natural veining "Carrara Marble" effect, do not use Majic Trowel. Let the epoxy stand alone follow torch procedures.
- Pro Tip: You can use an 18" roller. Be sure the roller is Pre-Saturated into the backdrop color first. Roll over the entire floor in one direction, going with the grain of veining (this will enlarge veining for special effects).
- Pro Tip: Add metallic powder pigments to denatured alcohol or isopropyl alcohol in a ZEP spray bottle shake well, spray over the floor to add another dimensional 3d overcast color :-)
- Be sure to use your Spike Roller and/or Torch to "pop" and air bubbles.

Over 80 Metallic In-Stock Colors, Top 1/2 of the Picture is the Finish, Bottom 1/2 is the Actual Powder.

- Warning: Not all epoxies are compatible with one another. Be sure to Purchase Colored Epoxies Clear Resin kits to mix with pigments, they are engineered to flow, bond & adhere to one another when pouring into backdrop colors.
- Colored Epoxies has over 80 metallic pigment colors to choose from, along with a photo gallery to help you create your very own unique floor.
- Congratulations DIYer! You have successfully completed your very own Metallic Floor masterpiece.
- Colored Epoxies has a convenient automated square foot calculator on their site to help you determine how much epoxies to purchase.

Flake, vinyl chips, designer decorative flake, natural wood flakes self-installation process.



Step 1: Concrete Floor Preparation, First Broadcast Day 1

- Follow all procedures in Steps 1 and 2.
- Coverage rates are as follows:
- Full coverage: 13sf per pound
- Medium coverage 20 sf per pound.
- Light coverage 25sf per pound.
- We highly recommend full coverage always if you want to deliver a consistent uniform broadcasted color finish, along with a lifelong durable scratch-resistant industrial floor.
- Example: 500sf garage divided by 13 = 38.46 pounds. NOTE: Flakes can only be ordered in 5-pound increments. In this case, the suggested purchase would be 40 pounds.
- Upon completion of step 2 immediately broadcast flakes directly into wet MVB/PRIMER coat.
- Best way to broadcast.. break up 40# into four pails evenly. Each Pail representing four quadrants of the garage. Broadcast one quadrant at a time leaving 20% of flake in the pail. Repeat same with quadrants 2-4.
- Consolidate remaining chips into one pail, while walking on spiked shoes, this is your last opportunity to uniformly broadcast flakes over the garage. Fill in all bear & wet spots. Use up all the flakes.

Step 2: Scraping Up The Flakes day 2

- Using a floor scraper, scrape flakes North & South pressing firmly on the pole.
- Use a leaf blower to push flakes to the back wall. We suggest getting eye level with flakes, if you see high perpendicular points remove with a floor scraper.
- NOTE: Epoxy flakes will always have texture even with 100% scrape. If you are looking for a more aggressive non-skid floor scrape less leave some high points.
- Once flakes have been reclaimed and the floor is free of loose flakes, you are ready to apply the final encapsulation clear topcoat over the flakes.
- If you are looking to go vertical up stem wall? Vertical install must be completed first before starting flatwork.
- Step 1: Roll out epoxy vertically clear or colored, toss flakes baseball-style at the wall. Let dry overnight.
- Step 2: Apply 2nd coat of clear epoxy over flakes, again toss flakes at the wall, this is called a double broadcast. Once dried proceed to start flatwork.
- Pro Tip: Double broadcasting over minor cracks, expansion joints ECT the day before install.

Step 3: Applying Clear top Coat.

- Applying the clear coat (shown in the bottom right of the picture) with Colored Epoxies MFE Clear Epoxy Resin kit: This is the most important step in the flake installation process, along with concrete floor prep.
- Mix a 3 gallons batch 2ea. " A" to 1ea. "B", Pour a wet ribbon 3"-4" off baseboards 5"-6" wide. Using a flat stiff rubber squeegee press down firmly, pulling epoxy in an east to west direction. Do not leave any puddling behind. The coverage rate per gallon is 125sf.
- Once the first 3-gallon kit has been squeegeed out, time to cross-roll flakes. Follow step 3. Be sure to pre-saturate the roller in clear epoxy prior to Cross rolling. Cross rolling will evenly pickup & uniformly displace any excess epoxy delivering a perfect high-impact gloss finish.
- Be sure to check for air bubbles 1.5 hours after install. Congratulations DIYers! You have successfully completed a full flake installation.
- NOTE: If you are looking for less than full coverage, you will be required to roll out two epoxy-colored coats.

Step 4: Applying for Medium or Light Coverage Only.

- Day 1: Apply colored primer/mvb coat. Let dry overnight.
- Day 2: Apply a second rolled-out coat of the same color. Broadcast flakes into this wet backdrop coat. This second coat will be more visible to onlookers when using less than full flake coverage.
- Colored epoxies have an extensive online color selection of over three thousand color choices. We can custom design any colors to meet your specifications.
- CUSTOM FLAKE LINES
- Wood chips
- Crystal Flakes
- Glitter
- Glitter Accents
- Florescent Flake, Omni non-skid, and so much more!