

MONOCHEM

METALLICS

LIQUID METALLIC EPOXY



MADE IN U.S.A.

Monopole metallic pigments create a light reflective multi-dimensional effect while converting floors into a smooth, glass-like finish with a unique depth and sparkle. There are endless creative techniques that can be used to articulate personal style. We offer five metallic pigment colors listed on the right panel, the desired look depends upon the base color which can be customized to your preference.

Powders Metallic Pigments for High Performance Floor Applications

MONOCHEM 45 is a 100% Solids High Build Epoxy
Clear Kit •4545-96OZ: 96 Oz Kit •4545-03: 3 Gallon Kit

APPLICATION:

FIRST COAT - Color Base Coat:

After preparing the floor, apply one base color coat of **MONOCHEM 45** primer at 250-300 square feet per gallon (5-6 dry mils) with a foam roller.

- Pot Life: 30-45 Minutes
- See the **MONOCHEM 45** Color Card for options.
- Topcoat Time: Allow 7-9 hours of dry time before applying the 2nd coat (do not exceed 18 hours). Ideally apply the second coat while the first coat is tacky.

SECOND COAT: Metallic Effect Coat:

1. Add the metallic pigment to **MONOCHEM 45** Part A Clear, then mix by hand for 3 minutes until the pigment is evenly dispersed.
2. Activate **MONOCHEM 45** by adding Part B into the Part A. Pot Life: 30-45 Minutes
3. Apply one coat of **MONOCHEM 45** Metallics with a foam roller evenly spreading the material to distribute the color effect.

Glass Based Pearlescent Metallic Pigment Application

- Coverage: 200-300 square feet per gallon
- Do a crosshatch application that consists of two passes (1 total coat resulting in 2-3 dry mils)
- First Pass: Roll in one direction (example: apply north to south)
- Second Pass: Apply in opposite direction (example: apply east to west)
- Tip: When you backroll, follow the same path to avoid creating a new edge. Once the backroll stroke is completed, lift the roller and create a wet edge for your next pass. Repeat this pattern until the entire surface is coated.

Mica Metallic Pigment Application

- Coverage: 100-120 square feet per gallon (12-16 dry mils)
- Refer to application video

- Dry Time: Allow 7-9 hours of dry time before applying the 3rd coat (do not exceed 18 hours). Ideally apply the third coat while the second coat is tacky.

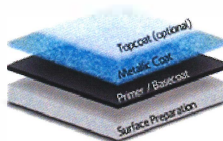
THIRD COAT: Topcoat:

Apply one clear coat of **PERMASHIELD 200** over the metallic 2nd coat. The Permashield 200 polyurethane is UV Stable, chemical, hot tire and abrasion resistant.

Permashield 200-Pot Life: 90 Minutes. Apply one coat at 300 square feet per gallon for 2.5 dry mils. Available in gloss or matte finish.

PERMASHIELD 200 DRY TIMES:

- Recoat: 7-9 hours between coats
- Light Foot Traffic: 24 Hours
- Full Foot Traffic: 48 Hours
- Heavy Objects & Hot Tire Resistance: 5 Days



Note: For faster dry times consider using Monochem 21 Epoxy.
For UV Stable, exterior applications use Permashield 200 as the Metallic & Top Coat.



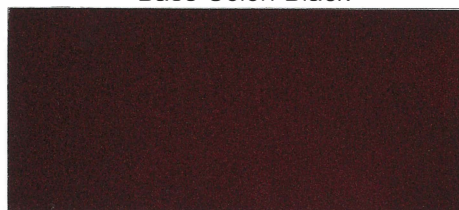
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Interference Silver *Glass Based*
Base Color: Pearl



Interface Blue *Glass Based*
Base Color: Black



Garnet *Mica*
Base Color: Black



Platinum *Mica*
Base Color: Black



Sapphire *Synthetic Mica*
Base Color: Dazzle

Create a variety of decorative options by choosing your own custom base color

Suggested Base Colors