

How to Apply Metallic Epoxy Flooring – A Step-by-Step Guide

Metallic epoxy floors create a stunning, one-of-a-kind finish, making them a popular choice for homes, garages, and commercial spaces. However, applying metallic epoxy is not a simple task—it **requires planning, attention to detail, and teamwork.**

- **Can I Apply Metallic Epoxy as a DIY Project?**

Yes, but **it's not easy!** Metallic epoxy coatings are tricky to work with, especially over large surfaces. We strongly recommend **practicing on a small area** before attempting a full floor. No two metallic floors will ever look identical, so expect a **unique** result every time.

- For **best results**, have at least **2–3 people** assisting with the application:

- ✓ **One person** for mixing the epoxy
- ✓ **One person** for cutting in edges
- ✓ **One person** for applying the product with a squeegee
- ✓ **One person** for back-rolling and applying solvent

- ⚠ **Important:**

✗ **Do NOT apply the product if temperatures exceed 25°C.** High temperatures can cause bubbling and curing issues.

❄ **Store the product in a cool environment** before and during application.

STEPS TO ACHIEVE A SUCCESSFUL METALLIC EPOXY FLOORING

1. Surface Preparation

- ✓ **Patch cracks & imperfections** using Concrete Bog. Sand down any high spots after curing.
- ✓ **Vacuum thoroughly** to remove all dust and debris.

2. Priming the Floor

- ✓ **Apply one coat of Ultra Primer** mixed with a **Black or Charcoal Tint Pack.**
- ✓ **Product Needed:** 5 kits (set aside 2L of Part A + 1L of Part B for patching).

3. Preparing for the Metallic Coat

- Patch any primer imperfections using a **mix of leftover primer + Sikadur 513 Powder** to create a filler.
- **Sand the primed surface** with 150-grit sandpaper.
- **Vacuum and mop** to remove all dust.

4. Applying the Metallic Epoxy Coat

- **Required Product:** 10–12 kits of **Ultra Metallic** (coverage depends on thickness).
- **Refund Policy:** Unused kits can be returned for a refund (less shipping).

Mixing Instructions:

- Mix **3 Silver Pearl pigment packs** per kit of **Part A Ultra Metallic**. Stir for **two minutes**.
If using highlights, set aside 10% of your resin for your highlights—**less is more!**

Application Steps:

Mix one kit at a time and add **1L of GP Thinners** per kit to reduce bubbles. Pour the **main color** onto the floor and use **spiked shoes** and a **flat magic squeegee** to spread evenly. **(Do NOT use a notched squeegee, as it leaves lines.)**

- ◆ Each kit covers **15–20 sqm max**—stretching it too far will create an uneven finish.
- ◆ If using highlights, **mix 1–1.5L at a time** and apply sparingly.
- ◆ A second person should **back-roll** for a smooth, blended look.

Continuous Application:

- ⚡ Keep mixing and pouring **continuously** to prevent colour changes and dry spots between sections.
- If bubbles appear while applying the product and it's still wet, **lightly spray solvent or use a low-pressure air blower** to remove them.

5. Optional: Applying a Clear Top Coat

- If you love the metallic finish, **you can leave it as is.** However, for added protection, you can apply a **polyurethane or Polyaspartic clear coat.**

✓ If applying a clear coat:

Sand the surface using **220-grit sandpaper.**

Vacuum and mop to remove dust.

Apply polyurethane (easier) OR Polyaspartic (stronger Product but harder to apply).

⚠ **Note:** Only apply a clear coat if needed, as it can be tricky. Reasons might include extreme UV light exposure, unsatisfactory metallic finish, or debris or other reasons

Shopping List – What You Need

- **Main Products & Accessories**
 - ✓ Ultra Primer
 - ✓ 1 pigment paste per kit of Ultra Metallic
 - ✓ Ultra Metallic 15lit Kits – Coverage is up to 20SQM per a kit
 - ✓ **3 [Metallic Powder](#)** packs per kit of Ultra Metallic
 - ✓ [Magic Squeegees](#)
 - ✓ Spike Shoes
 - ✓ **3 x 460mm Trays** (for primer, metallic, and polyurethane)
 - ✓ **3 x 460mm Roller Frames**
 - ✓ **6 Brushes**
 - ✓ **1 Bag of White Rags**

If Applying a Clear Coat:

- [UVSeal \(Polyurethane\)](#)
- [Pure Guard \(Polyaspartic\)](#)
- **Solvent & Concrete Bog can be purchased from Bunnings.**

Final Thoughts

- Metallic epoxy floors look incredible, but they require patience, skill, and the right approach. If you're new to epoxy, start small and follow each step carefully.



- Need supplies? **Order online at [Sydney Industrial Coatings](#).**
- For questions, feel free to reach out! **We're happy to help.**