

Benchtop Epoxy Flake

Decorative Flake Benchtop / Countertop Kit



INSTALLATION INSTRUCTIONS

1. SYSTEM OVERVIEW

A decorative vinyl flake epoxy system for benchtops and countertops, finished with a polyaspartic clear top coat for a tough, easy-clean surface.

Note: Read this guide and the product Safety Data Sheet before starting. Do not apply if rain is expected within 24 hours, on hot surfaces or in direct sun. Keep a wet edge at all times.

2. PRODUCTS & MATERIALS

- Premium Tinted Epoxy (2Lt, code PT)
- Vinyl Flake (2.5Kg, code VF)
- Polyaspartic Clear Topcoat (2.5Lt, code PA)
- EpoDil (0.5Lt, code ED)

Note: Two kit sizes are available; quantities scale with kit size - see the Technical Data Sheet for the exact contents of each size.

3. TOOLS REQUIRED

- Rollers, brushes and trowel/squeegee
- Spike roller
- Electric drill mixer
- Buckets / mixing containers
- Vacuum or blower
- Masking tape
- PPE - gloves, eye protection, protective clothing

4. STEP 1 - SURFACE PREPARATION

1. Ensure the surface is clean, dry and free of dirt, grease, oil, paint, curing agents and other contaminants.
2. Grind (or sand) the surface to a key, or acid-wash to open porosity, then wash, rinse and flush to neutralise; remove all loose material.
3. Run a dry test: tape a plastic sheet over a small area for 1 hour; if no moisture appears, the surface is sufficiently dry.
4. Vacuum / blow out all dust and mask off areas not to be coated.

Note: New concrete must cure fully (minimum 28 days) before application.

5. STEP 2 - MIXING

1. Combine the components in accordance with the product label and mix for a minimum of 3 minutes with a slow-speed drill mixer.
2. Scrape the sides and base of the container so no unmixed material remains; mix until uniform and free of streaks.
3. EpoDil may be added to thin the product where the label permits. Mix only the quantity that can be applied within the pot life.

Benchtop Epoxy Flake

Decorative Flake Benchtop / Countertop Kit



6. STEP 3 - APPLICATION

1. Mask and prepare the benchtop / countertop surface; ensure it is clean and dry.
2. Apply the tinted epoxy base coat evenly.
3. Apply the decorative layer (metallic glaze with pigment, vinyl flake, or glitter) per the kit.
4. Apply the clear top coat for a hard, glossy, easy-clean finish; remove masking before it sets.

7. STEP 4 - CURING & AFTERCARE

- Keep foot traffic off for at least 16 hours and vehicles off for 7 days.
- Avoid dragging furniture for ~2 weeks; full hardness develops over ~2 weeks and continues to harden over time.

8. WARNINGS

- Do not apply if rain is expected within 24 hours; avoid hot surfaces and direct sun.
- Do not apply over a patchy (possibly damp) slab - always run the dry test first.
- Epoxy coatings may yellow in direct sun; use a UV-resistant top coat outdoors.
- Wear appropriate PPE; ensure adequate ventilation. Refer to the SDS.

9. CONTACT DETAILS & DISCLAIMER

SHIMICOAT Pty Ltd

9a Morse Road, Bibra Lake WA 6163
Ph (08) 9434 3302 info@shimi.com.au www.shimi.com.au
ABN 28 622 871 283

Disclaimer: This installation guidance is provided in good faith and based on present knowledge and experience. As application is beyond the seller's control, the purchaser must make its own tests to determine suitability and assumes all risk of use and handling. Refer to the product label and SDS before use.