

Balconies Polyaspartic Flake

UV-Stable Flake System for Balconies



INSTALLATION INSTRUCTIONS

1. SYSTEM OVERVIEW

A UV-stable polyaspartic flake system designed for balconies, including an epoxy crack-repair component, a tinted polyaspartic base, vinyl flake and a polyaspartic clear top coat.

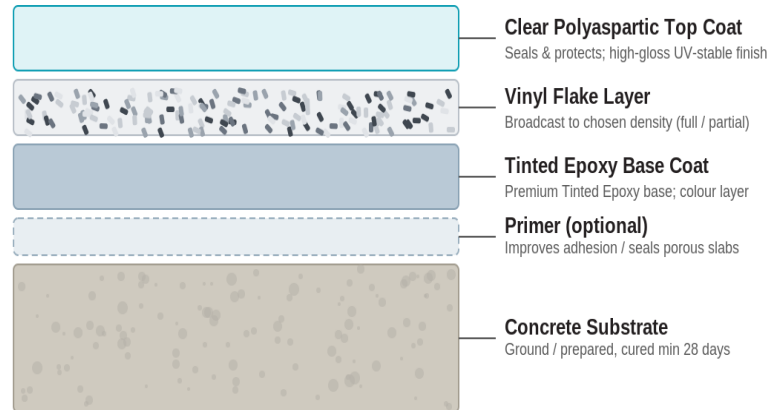


Figure 1 - Layer build-up applied in the steps below.

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

- Epoxy Crack Repair (small) (1 Kit, code ER)
- UV Plus Tinted Polyaspartic (5Lt, code TP)
- Vinyl Flake (5Kg, code VF)
- Polyaspartic Clear Topcoat (5Lt, code PA)
- EpoDil (1Lt, code ED)

3. TOOLS REQUIRED

- Rollers, brushes and extendable pole
- Spike roller and spike shoes
- Floor scraper (full broadcast)
- 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.

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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.

6. STEP 3 - APPLICATION

1. Apply the base coat to corners and edges first, then roll the main floor.
2. While the base coat is still wet, broadcast vinyl flake evenly to the chosen density (full or partial). Always leave a 20-30 cm wet skirting to blend with the next area and avoid coating over set flakes.
3. Pass a spike roller over the curing surface to release trapped air, then allow to cure.
4. Remove excess / unbound flake with a blower or vacuum and scrape lightly in both directions for a smooth surface.
5. Apply the clear top coat to edges then the main floor; remove masking tape before the coating 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.
- UV-stable system; suitable for exterior use.
- Wear appropriate PPE; ensure adequate ventilation. Refer to the SDS.

9. CONTACT DETAILS & DISCLAIMER

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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.