

Densilicate Penetrating Densifier

Shimicoat Product - Installation Instructions



INSTALLATION INSTRUCTIONS

1. SYSTEM OVERVIEW

This guide covers the installation of Shimicoat Densilicate Penetrating Densifier (a penetrating densifier / hardener for concrete).

Note: Read this guide and the product SDS before starting. Do not apply if rain is expected within 24 hours, on hot surfaces or in direct sun.

2. TOOLS REQUIRED

- Slow-speed drill mixer
- Rollers, brushes and extendable pole
- Buckets / mixing containers
- Vacuum or blower
- Masking tape
- PPE - gloves, eye protection, protective clothing

3. STEP 1 - SURFACE PREPARATION

1. Ensure the surface is clean, dry and free of dust, grease, oil, paint and contaminants.
2. Grind or etch concrete to open the surface; remove loose material and vacuum.
3. Run a dry test (plastic sheet taped down 1 hour); coat only when no moisture appears.

4. STEP 2 - MIXING

1. Combine the components per the product label and mix for a minimum of 3 minutes with a slow-speed mixer.
2. Scrape the container sides/base; mix until uniform. Add EpoDil to thin only where the label permits.

5. STEP 3 - APPLICATION

1. Apply by roller, brush or squeegee in even coats, maintaining a wet edge.
2. Recoat overnight (within the recoat window). Broadcast decorative or slip-resistant materials into the wet coat if required.
3. Remove masking tape before the coating sets.

6. STEP 4 - CURING & AFTERCARE

- Keep foot traffic off for at least 16 hours and heavy use off for 7 days.
- Full hardness develops over about 7 days.

7. WARNINGS

- Do not apply over damp slabs; avoid hot surfaces and direct sun.
- Epoxy may yellow in direct sun; use a UV-resistant top coat outdoors.
- Wear PPE and ensure ventilation; refer to the SDS.

8. CONTACT DETAILS & DISCLAIMER

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Disclaimer: Information herein is guidance only, based on present knowledge and experience. As use is beyond the seller's control, the product is sold without guarantees; the purchaser must conduct its own tests for suitability. Shimicoat Pty Ltd accepts no liability beyond replacement of defective product.

Source: shimi.com.au product pages (current site takes precedence).