

# Fast Cure Epoxy Putty

Fast-Cure Epoxy Putty Kit



## TECHNICAL DATA SHEET

### 1. PRODUCT DESCRIPTION & INTENDED USE

A fast-cure clear epoxy and ceramic filler putty for quick gap-filling, patching and shaping repairs.

### 2. KIT CONTENTS & COVERAGE

**Coverage depends on repair depth and area.** Consider an extra base-coat kit for substandard or damaged concrete surfaces.

| Product Description                            | Size | Code | Qty |
|------------------------------------------------|------|------|-----|
| Fast Cure Clear Epoxy                          | 5Lt  | UC   | 1   |
| Super Ceramic Filler (Reinforcement & Rebuild) | 5Lt  | SC   | 1   |

### 3. KEY FEATURES & BENEFITS

- High-strength epoxy patch and repair compound
- Fills and rebuilds cracks, holes, joints and damaged concrete
- Non-shrink, hard-wearing and chemical resistant
- Can be overcoated with Shimicoat floor systems

### 4. RECOMMENDED SUBSTRATES & APPLICATIONS

**Substrates:** Concrete and prepared cementitious floors.

**Applications:** Filling and rebuilding cracks, holes, joints, spalls and damaged concrete prior to coating.

**Applied by:** Roller, brush or squeegee.

### 5. TECHNICAL PROPERTIES

| Property                             | Value                                       |
|--------------------------------------|---------------------------------------------|
| Solids content                       | 100% solid (solvent-less)                   |
| Specific gravity of blend            | 1.4 or less                                 |
| Maximum surface temperature exposure | 140 °C                                      |
| Finish / gloss                       | High gloss                                  |
| VOC                                  | Resins contain NIL, EpoDil contains 75% VOC |

#### Dry Time at 25 °C

| Parameter                     | Base / Body Coat     | Clear Top Coat       |
|-------------------------------|----------------------|----------------------|
| Pot life                      | 45 minutes at 25 °C  | 45 minutes at 25 °C  |
| Tack free                     | 2-3 hours            | 2-3 hours            |
| Thin-film set                 | 8 hours (minimum)    | 8 hours (minimum)    |
| Dry cured (foot traffic)      | 12-24 hours          | 12-24 hours          |
| Fully cured (vehicle traffic) | 7 days               | 7 days               |
| Re-coat                       | Overnight (16 hours) | Overnight (16 hours) |

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Multi-coat systems can be installed consecutively once the previous coat has reached thin-film set / dry cure and is accessible. Times vary with temperature, humidity and film thickness.

**TO CONFIRM** - This is a fast-cure system - working and cure times are significantly shorter than shown. Refer to the product label for the fast-cure schedule.

## 6. SURFACE PREPARATION

Apply only to a clean, dry surface free of dirt, grease, oil, paint, curing agents and other contaminants.

- Grind the concrete to maximise adhesion, or acid-wash to open porosity then wash, rinse and flush to neutralise.
- Run a dry test: tape a plastic sheet over a small area for 1 hour; if no moisture appears, the slab is sufficiently dry.
- Remove all loose material, then vacuum and/or blow out all dust.

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

## 7. MIXING

- Combine the components in accordance with the product label and mix for a minimum of 3 minutes with a slow-speed drill mixer.
- Scrape the sides and base of the container so no unmixed material remains; mix until uniform and free of streaks.
- EpoDil may be added to thin the first coat if required (e.g. on cold days).
- Mix only the quantity that can be applied within the pot life.

## 8. CLEANING OF TOOLS

- Clean tools and uncured spills with thinner & diluent (blend of solvents).

## 9. HEALTH, SAFETY & HANDLING

- Storage: store out of direct sunlight and heat at all times.
- Shelf life: 24 months (epoxy components). Keep pails sealed when not in use.
- A Material Safety Data Sheet (SDS) is available from Shimicoat on request.

**TO CONFIRM** - PPE specification, hazard classification and exact shelf life of all components are not itemised here - refer to the SDS.

## 10. LIMITATIONS & IMPORTANT NOTES

- Epoxy coatings may yellow in direct sun; use a UV-resistant top coat outdoors to prevent chalking and colour change.
- Do not apply over a patchy (possibly damp) slab - always run the dry test first.
- Do not apply if rain is expected within 24 hours; avoid hot surfaces and direct sun.

## 11. CONTACT DETAILS & DISCLAIMER

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**Source:** Shimicoat product data and shimi.com.au (current product pages take precedence). Kit composition per the 2026 single-kit schedule.

