

Rapid Cure Polyaspartic CK

Rapid-Cure Polyaspartic Patch & Repair Kit



TECHNICAL DATA SHEET

1. PRODUCT DESCRIPTION & INTENDED USE

A rapid-cure polyaspartic patch and repair compound blended with super ceramic reinforcement filler for fast structural repairs that can be coated the same day.

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
Rapid Cure Polyaspartic	5Lt	PA	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)

Rapid Cure Polyaspartic CK

Rapid-Cure Polyaspartic Patch & Repair Kit



Property	Value
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)

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.

Rapid Cure Polyaspartic CK

Rapid-Cure Polyaspartic Patch & Repair Kit



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

SHIMICOAT Pty Ltd

Ph (08) 9434 3302 info@shimi.com.au www.shimi.com.au
ABN 28 622 871 283

Disclaimer: The technical data herein is based on tests carried out in our laboratories and is true and accurate to the best of our knowledge on the date of publication, but is subject to change without notice. As the uses of this product are beyond the seller's control, the product is sold without guarantees; warranties are governed by Shimicoat's Standard Terms of Sale. The

Rapid Cure Polyaspartic CK

Rapid-Cure Polyaspartic Patch & Repair Kit



purchaser must conduct its own tests to determine suitability for their specific application. Shimicoat Pty Ltd accepts no liability beyond replacement of defective product.

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