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**SHIMICOAT**  
SURFACE SOLUTIONS



# Epoxy Putty

## *Fast Cure Repair*

### STRUCTURAL EPOXY FILLER

**SHIMICOAT Epoxy Putty** is a specially formulated non-sag gap filling epoxy compound, ideal for Pond, Cold Plunge, Ice Bath, Swimming Pool repair and maintenance. The product consists of two component Epoxy putty A & B, easy to mix and apply. It sets rapidly within 1-2 hours to a tough and chemical resistant final cure.

<b>Strength</b>	1,200 PSI
<b>Set Time</b>	15 Minutes
<b>Cure Time</b>	Two Hours
<b>Cure Color</b>	Off White/Grey

**SHIMICOAT Epoxy Putty** adheres strongly to most surfaces including Aluminum and other metal surfaces, Concrete, Cement Render, Stone, timber and even cleaned glass surfaces. Ideally suitable for repair and maintenance of cancerous concrete surfaces, reinstating failed cement render, stone and marble-sheen surfaces. As a repair and maintenance product, SHIMICOAT Epoxy Putty is also suitable for miscellaneous engineering use, such as structural bonding of concrete and other masonry, including granite and ceramics.

### APPLICATIONS

The adhesion, toughness and chemical resistance of SHIMICOAT Epoxy Putty have been optimized in unique combination for use in the repair of:

- Swimming pools and other aquatic facilities
- Pond, Cold Plunge and Ice Bath
- Concrete floors and stairs
- Concrete tanks and pipes
- Natural stone, brick and ceramic surfaces
- Grouting applications
- Concrete Crack Repair
- Joint Filler of all sorts

### BENEFITS

- Pure putty with 100% solids compound
- Easy DIY, Creamy texture, easy to mix and apply
- Minimal sagging on vertical surfaces
- Extended pot-life with quick progression to cure properties
- Fastest repair method to progress into initial coating
- SHIMICOAT Epoxy Putty can cure simultaneously with initial coating
- Cured properties are much superior to high strength concretes with greater MPA values

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

Ph: (08) 9364 7446 | [info@shimi.com.au](mailto:info@shimi.com.au) | ABN: 28 622 871 283 | [www.shimi.com.au](http://www.shimi.com.au)

## Kit Sizes

SHIMICOAT Epoxy Putty is available in many kit sizes:

Packed in durable plastic jars.

Kit Sizes (Wt)	Mix Ratios	
250g	4A:1B (200g A + 50g B)	69
600g	4A:1B (480g A + 120g B)	99
1,250g	4A:1B (1Kg A + 250g B)	199
2.5Kg	4A:1B (2Kg A + 0.5Kg B)	299
5kg	4A:1B (4Kg A + 1kg B)	499

## Kits Include

- Epoxy Putty Part A Grey Colour
- Epoxy Putty B White Colour

## Coverage

Mix enough putty to fill your point of application.

## Applications

Spatula, trowel, brush, custom design applicators.

## Curing Time at 25°C

Pot Life:	20 minutes at 25°C	
Tack Free:	Half Hour	
Dry Cured:	1-3 hours (depending on temperature and humidity)	
Re-Coat:	If need to sand the surface:	1-3 hours
	If applied clean and no need for sanding:	Instant

## Clean Up

Thinner & Diluent (Blend of Solvents). Use EpoDil.

## Preparations

Clean and dry surface. Ensure surface to be coated is free of all dirt, grease, oil, paint, curing agents and other contaminants. Removal of Oil Contamination by degreaser and alkaline cleaning pressure wash  
 If concrete surface, acid-wash to enhance surface porosity and etch the surface for better bonding. Ensure moisture-free surface. Allow to completely dry, run Dry Test. Place a piece of plastic over a small area, tape the edges and leave for 1 hour. Remove plastic, if there is no moisture on either surface, concrete is sufficiently dry. Ideally, always consider surface grinding or sanding (80 or 120 Grit) and removal of loose materials. Grinding or sanding is always advisable prior to application of all Shimicoat Epoxy products, to maximize adhesion. For further information, please refer to SHIMICOAT Instruction for "Surface Preparations."

## Specifications

Physical & Chemical properties of SHIMICOAT Epoxy Putty:

<b>Pot Life @25°C</b>	20min
<b>Colour of Blend</b>	Neutral Grey N23
<b>Specific Gravity (SG) of Blend</b>	1.2
<b>Initial Cure Time (Hours)</b>	1-3Hours
<b>Ultimate Cure Time (Days)</b>	7 Days
<b>Recoating</b>	If need to sand the surface: 1-3 hours If applied clean and no need for sanding: Instant
<b>Viscosity</b>	Paste consistency

Parameters	Part A	Part B
Consistency	Thixotropic Paste	Thixotropic Paste
Colour	Neutral Grey N23	White N14
Mix Ratio	4 Parts by Vol or Wt	1 Part by Vol or Wt
Mixing Technique	Mix until colour is uniform	
Pot Life	20 minutes	
Initial Cure Time	1-3 Hours	
Full Cure Time	7 Days	
Recoating	Instant	

## Storage

The products shall be stored out of direct sunlight and heat. The shelf life of the product is 24 months.

### DISCLAIMER

Material Safety Data Sheet, Technical and Environmental Data Sheet can be provided upon request.

The information provided in this document is guidance only and considering the uses of this product are beyond the seller's control, the product is sold without guarantees or warranties. Warranties and guarantees shall be governed by SHIMICOAT Standard Terms of Sale. The purchaser shall make its own tests to determine the suitability for their specific application, and Shimicoat Pty Ltd is taking no responsibility for misuse of the product. The purchaser assumes all risk of use and handling of this product. This product will be happily replaced or credited back if defective. Beyond this, Shimicoat Pty Ltd is not liable for any damages caused by this product or its use.

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