



## QUICK BUILD

*Epoxy Repair & Build-Up Compound (3K System)*

### Product Description

Quick Build is a high-performance, three-component epoxy repair and build-up compound designed for rapid patching, filling, and resurfacing of concrete substrates. It combines a two-component epoxy binder with a ceramic powder filler to create a dense, durable system with excellent mechanical strength and adhesion.

### Mix Ratio (by volume)

Component	Quantity
Part A (Resin)	2 Litres
Part B (Hardener)	1 Litre
Part C (Ceramic Powder)	4 Litres

### Recommended Uses

- ✓ Concrete crack repairs
- ✓ Surface patching and levelling
- ✓ Filling holes and damaged areas
- ✓ Industrial floor repairs
- ✓ Warehouse and factory maintenance
- ✓ Edge repairs and joint rebuilding

### Key Features & Benefits

- ✓ High compressive strength

- ✓ Excellent adhesion to concrete
- ✓ Fast curing for quick turnaround
- ✓ Easy trowel application
- ✓ Low shrinkage
- ✓ Good chemical and abrasion resistance
- ✓ Suitable for heavy-duty environments

### Application Instructions

#### Surface Preparation

Ensure substrate is clean, dry, and free of contaminants. Remove loose material by grinding or mechanical preparation. A rough profile is recommended for optimal adhesion.

#### Mixing

Mix Part A and Part B thoroughly for 2–3 minutes. Gradually add Part C while mixing. Continue mixing until a uniform, lump-free consistency is achieved. Use within pot life.

#### Application Method

Apply using a trowel or spatula. Press firmly into the surface and level as required. Can be applied in layers if needed.

#### Pot Life & Drying Time (25°C)

Property	Time
Pot Life	20–30 minutes
Initial Set	2–4 hours
Full Cure	5–7 days

#### Technical Properties (Typical)

- Appearance: Grey paste
- Density: ~1.8 – 2.0 g/cm<sup>3</sup>
- Adhesion: Excellent to concrete

- Shrinkage: Minimal
- Strength: High compressive strength

## **Cleaning**

Clean tools with solvent before curing. Hardened material must be removed mechanically.

## **Storage & Shelf Life**

Store in a cool, dry place. Shelf life: 12 months in unopened containers.

## **Health & Safety**

Use appropriate PPE. Avoid contact with skin and eyes. Ensure ventilation. Refer to SDS for full safety details.

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