



QUICK BUILD CP-114, EPOXY REPAIR & BUILD-UP COMPOUND (3K SYSTEM) CONCRETE REPAIR PUTTY

Uses

A three-component epoxy repair and build-up compound combining a two-component epoxy binder (Part A resin, Part B hardener) with a ceramic powder filler (Part C) for fast patching, filling, and resurfacing of concrete substrates. Suitable for concrete crack repairs, surface patching and levelling, filling holes and damaged areas, industrial floor repairs, warehouse and factory maintenance, and edge/joint rebuilding. High compressive strength, excellent adhesion to concrete, low shrinkage, and good chemical and abrasion resistance.

Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components



UV Resistant



Chemical Resistant



Water Resistant



Heavy Duty

Packaging

The product is supplied as a 3-component kit: Part A (Resin), Part B (Hardener), Part C (Ceramic Powder).

CP-114 Kit	7 Litre (2L + 1L + 4L, by volume)
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Curing Times

Pot Life	20–30 minutes
Initial Set	2–4 hours
Full curing	5–7 days
Recoat interval, Min	8 hours
Recoat interval, Max	72 hours

Additional Information

Colours	Grey
Finish	Paste (trowel-applied)
Solid Content-%	100
Theoretical spreading rate	Not applicable (gap-fill compound) Coverage depends on repair volume
Flashpoint	Not applicable (solvent-free)
Specific gravity	1.8–2.0 kg/lit
V.O.C.	0 g/L (Zero VOC, Solvent Free)
Shelf life	12 months in unopened containers. Store in a cool, dry place.

Substrate Requirements

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.

Surface Preparation

Thoroughly clean all surfaces and remove all loose dirt, grease, stains, and contaminants. Remove loose or damaged concrete by grinding or mechanical preparation. A rough, sound profile is

recommended for optimal adhesion. Ensure the substrate is structurally sound before repair.



Mixing

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



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Application Method

Method	Trowel	Spatula	Putty Knife (touch-up)
Thinner (max. vol.)	N/A	N/A	N/A
Pump ratio minimum	N/A		
Tip size	N/A	N/A	N/A
Tip pressure	N/A	N/A	
Cleaning of tools	Solvent (before cure); mechanical removal once cured		
Indicated film thickness, dry	N/A (bulk-fill compound)		
Indicated film thickness, wet	N/A (bulk-fill compound)		

Conditions: Apply at temperatures above 10°C. Do not apply when relative humidity exceeds 80%.

Storage

Time	12 Months in Unopened Packs.
Temperature	Storage temperature between 5°C and 35°C.
Protection	Should be stored inside and protected from frost, weather, moisture, direct sunlight, and contamination ingress.

Remarks

Preceding Coat	PRIMIT
Subsequent Coat	INDOPOX

A completely clean, sound substrate is mandatory to ensure adhesion. Any dirt, oil, laitance, and loose material must be removed by grinding or mechanical preparation. A test patch is recommended before full-scale application.

➤ QUICK BUILD CP-114 is a three-component epoxy repair and build-up compound for fast patching, filling, and resurfacing of concrete substrates. Zero VOC, has high compressive strength, and has excellent adhesion to concrete.

Film Thickness

Not applicable — Quick Build is a gap-fill/repair compound applied in bulk by trowel or spatula, not as a thin coating film.

Can be applied in layers if needed for deeper repairs.

Recoating and drying/curing time

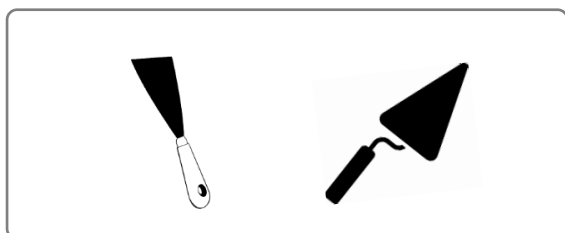
Full cure: 5–7 days at 25°C. Under cooler conditions, allow longer cure times. Allow full cure before applying additional coatings or subjecting the repair to heavy loads.

Safety

Refer to SDS for Dangerous Goods classification.

Application Equipment

The use of correct application equipment is critical, as incorrect application tools can result in poor finishing and incorrect material consumption. Always test the application equipment prior to commencing work. The following equipment is recommended for this application.



DISCLAIMER

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