

# BC Poxy Putty 4000

## Product Description:-

BC Poxy Putty 4000 is a high strength, non-slumping, two component epoxy putty. This system is tough and resilient when compared to concrete. It has excellent properties that make it suitable to be put in several uses as a bedding system, adhesive or a repair material

## Features/Benefits:

Forms high strength, non-slump, non-shrink, epoxy bedding system.
Forms a stiff but easily workable compound.
Resistant to impact and a wide range of corrosive chemicals.
Has strong adhesion to concrete.
Can be used for wide range of applications like bedding, grouting, crack filling and repair of surface defects in horizontal, vertical and overhead applications.

## Primary Applications:

Crack repairs in decks and concrete slabs.
General Adhesive for various materials over concrete and steel.
Anchoring epoxy for reinforcement steel bars and anchor bolts.
Adhesive for injection nipples or surface packers. Sealing dry cracks and gaps around pipes
Crack and pinhole repairs before epoxy coatings in tanks and concrete slabs

### Note

Even with proper procedures, an acid etched surface may not provide a bond as strong as a mechanically prepared surface. Mix part A and part B (resin & hardener) for 3 minutes using a drill and mixing prop. For ease of mixing, add the part B to part A (not the reverse). The epoxy must be well mixed to ensure proper chemical reaction. Fill routed out cracks and cut joints with BC Poxy putty 4000, then apply BCpoxy putty 4000 over the rest of the floor. Trowel BCpoxy putty 4000 to the required level using the minimum of solvent on the trowel to aid workability

## Primary Applications:

Bond Strength	6 Mpa
Compressive Strength	5600 psi
Flexural Strength	1600 psi
Toxicity	Non-toxic
Density	1.7gm/Cm
Tensile Strength	725 psi

### Building Chemistry Industry

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**Directions For Use:**

New concrete should have cured until the shrinkage and moisture movement is low, and possesses a porous and textured surface with all curing compounds and sealers removed. Old concrete must be clean and well textured. All oil, dirt, debris, paint and unsound concrete must be removed. The surface must be prepared mechanically using a scabler, bush hammer, shot blast or scarifier which will give a surface profile of a minimum (3 mm) and expose the large aggregate of the concrete. The final step in cleaning should be the

complete removal of all residues with a vacuum cleaner or pressure washing. Acid etching is acceptable only when Mechanical preparation is impractical. It is recommended only contractors experienced in the acid etching process use this means of the surface preparation. The salts of the reaction must be thoroughly pressure washed away. Allow the concrete to dry completely

Sewerage	Excellent		
Mineral, vegetable animal oils & fats		Excellent	Ammonia Excellent
Formaldehyde	Excellent		
Nitric acid	10%	Good	
Acetic acid	5%	Limited	

**PACKAGING:**

3 kg and 50 kg kit.

**COLOR:**

Available in Grey.

**CLEAN-UP:**

Clean all tools and equipment immediately after use Do not allow material to harden on the equipment.

**SHELF LIFE:**

One year in unopened container.

