

## BC Putty 3000

### Description:-

BC Putty 3000 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:

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| 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:

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| 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 PUTTY 3000, then apply BC PUTTY 3000 over the rest of the floor. Trowel BC PUTTY 3000 to the required level using the minimum of solvent on the trowel to aid workability.

### Technical data:

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



## **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 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

| <b><u>Chemicals</u></b>               | <b><u>Performance</u></b> |
|---------------------------------------|---------------------------|
| 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's in unopened container.

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

### **Building Chemistry Industry**

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