



## BUILD TECH BT21 EPOXY MORTAR

### Description

BT21 Epoxy Mortar is a general purpose epoxy mortar based on specially selected epoxy resins, hardeners and aggregates for use as a repair mortar for cracked or damaged concrete and bonding precast elements together.

### Advantages

- High strength
- Cures under damp conditions
- Easy application
- Excellent adhesion
- Convenient mix ratio

### Typical Properties

Pot Life @ 20°C	45 minutes
Full Cure	7 Days
Compressive Strength	80 MPa
Time for Pedestrian Traffic	24 Hours
Time for Light Vehicle Traffic	48 Hours

### Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Remove all loose debris and cracked concrete prior to repairing with BT21 Epoxy Mortar.

### Mixing

BT21 Epoxy Mortar is suitable for mixing using a drill and suitable paddle or by hand for smaller quantities. Add the Hardener to the Base and mix for 3 minutes to ensure thorough mixing. Only mix that quantity of material (usually one kit at a time) that can be applied within the setting time. Mix ratio is 2 parts of the base component to 1 part of the hardener component by volume

### Curing

BT21 Epoxy Mortar will cure to a tack free finish within 24 hours, allowing pedestrian traffic over floor repairs. Allow 7 days for full cured properties.

### Clean Up

Clean up tools, equipment and uncured BT21 Epoxy Mortar with Xylene Solvent. Cured BT21 can only

be removed by mechanical means.

### Packaging

BT 21 Epoxy Mortar is supplied in 1.5Ltr, 3Ltr, 6Ltr & 15Ltr kits comprising of a Base and Hardener component for each kit size.

### Storage

BT21 Epoxy Mortar is an epoxy based product which must be stored in the original unopened containers. Avoid storage in environments subject to extreme hot or cold temperatures.

### Precautions

Do not use where temperatures less than 5°C or greater than 35°C are encountered. Contact our Technical Staff for specific advice. BT 21 Epoxy Mortar is alkaline in nature. Any contact with eyes or skin should be washed off with soap and clean water. Do NOT use solvent. Protective gloves, glasses and clothing should be worn. Repeated contact with epoxy resins and hardeners can cause sensitization in some people handling this type of product. Where this occurs, seek medical advice before continuing use.

### Safety Information

Material Safety Data Sheets for all Build Tech products are readily available on request. Read the MSDS and product label carefully before using.

### Disclaimer

All reasonable care is taken in the compilation of this data sheet however all recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

### Technical Support

Build Tech offers a comprehensive range of cementitious and epoxy based products to suit all applications. Build Tech offers technical support and on-site advice to specifiers, end users and contractors.