

## Urochem 220 CONCRETE REPAIR KIT

### DESCRIPTION

**Urochem 220** is a filled, thixotropic, solvent free, epoxy adhesive. It has been specifically designed for mortar patching and as a general-purpose adhesive in the construction industry. It is characterized by a good working life and fast cure.

### PRODUCT APPLICATION

Patching of concrete, bonding of horizontal doweling bars/rods and as a general-purpose adhesive and filler.

### SURFACE PREPARATION

All surfaces to be clean, sound, and dry, free from any oil laitance, dust or curing agents. Steel should be abraded, and concrete should preferably be abrasive blasted, etched or scabbled to remove laitance and expose firm aggregate. Remove dust with compressed air or vacuum.

### APPLICATION

- Where the concrete is porous or for use in water retaining structures, prime with **Urochem 101** or **Urochem 106**. Allow the solvent to evaporate from the primer for at least twenty minutes before application of **Urochem 220**.
- Apply the compound with a spatula or trowel. The surface may be smoothed using a steel trowel wetted with water. Bonded surfaces should be kept under compression until the epoxy has set.

### MIXING

Mix the entire contents of the base and activator components thoroughly together until the colour is a uniform grey without lumps or streaks.

### CLEANING

Clean all tools and equipment immediately after use with **Urochem 901**. Once the epoxy has set it may only be removed mechanically.

### SAFETY

- Contact with the skin should be avoided.
- Wear gloves and protective clothing.
- In case of eye contact wash well with warm water and obtain medical advice.
- The cured material is not toxic.



#### Urochem Trading (Pty) Ltd

Unit XP2, AEL Industrial complex, Cnr Ecqip and Weighbridge  
Modderfontein, Gauteng; 1645

(+27) 11 608 2073 • [www.urochem.co.za](http://www.urochem.co.za)

## Urochem 220 CONCRETE REPAIR KIT

### TYPICAL PROPERTIES

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Mixing Ratio</b>         | Twin pack - Do NOT split kits    |
| <b>Pot Life</b>             | 30 Min @ 25° C                   |
| <b>Practical cure</b>       | 48 Hrs @ 25 ° C                  |
| <b>Full Cure</b>            | 7 Days                           |
| <b>Colour</b>               | Grey                             |
| <b>Density</b>              | 1,16                             |
| <b>Compressive strength</b> | >50 Mpa                          |
| <b>Tensile strength</b>     | >8 Mpa                           |
| <b>Theoretical coverage</b> | 1 m <sup>2</sup> / Lt / mm thick |
| <b>Shelf Life</b>           | 12 Months                        |
| <b>Application Temp.</b>    | 10 - 35°C                        |
| <b>Service Temp.</b>        | -25 - 90°C                       |
| <b>Pack Size</b>            | 2 Lt Kits                        |
| <b>Cleaning</b>             | <b>Urochem 901</b>               |
| <b>Storage</b>              | Store in a cool dry place        |

The information supplied is believed to be reliable. As we do not have any control over the processing or application of the product, we cannot guarantee the results to be obtained. Users assume all risks and liability resulting from the use of this product and must confirm the suitability thereof by conducting their own tests. No guarantee is expressed or implied. Liability is limited to replacement of faulty material. Field service provided does not constitute supervisory responsibility.

#### FOR PROFESSIONAL USE ONLY



#### Urochem Trading (Pty) Ltd

Unit XP2, AEL Industrial complex, Cnr Ecqip and Weighbridge  
Modderfontein, Gauteng; 1645

(+27) 11 608 2073 • [www.urochem.co.za](http://www.urochem.co.za)