

# Urochem 305

## EPOXY ADHESIVE FAST SET

### DESCRIPTION

**Urochem 305** 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 characterised by a good working life and a rapid cure.

### PRODUCT APPLICATION

Patching of concrete, bonding of horizontal starter bars and dowel bars, and as a general-purpose adhesive and filler.

### SURFACE PREPARATION

- All surfaces to be clean, sound, and dry, and free from any oils, 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

Mix the base and activator components thoroughly together until the colour is a uniform grey without lumps or streaks. Where the concrete is porous or for use in water retaining structures, prime with **Urochem 101**. Allow the solvent to evaporate from the primer for at least twenty minutes before application of **Urochem 305**. 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.

### 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)

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### TYPICAL PROPERTIES

<b>Mixing Ratio</b>	Mix as supplied - Do NOT split kit
<b>Pot Life</b>	5 Hours @ 25° C
<b>Practical Cure</b>	24Hours
<b>Full Cure</b>	7 Days
<b>Compressive Strength</b>	>50 Mpa
<b>Tensile Strength</b>	>8 Mpa
<b>Colour</b>	Grey
<b>Solids Content</b>	>98 %
<b>Theoretical Coverage</b>	1 m <sup>2</sup> / Lt / mm thick
<b>Shelf Life</b>	12 Months
<b>Application Temp.</b>	5 - 35°C
<b>Pack Size</b>	2 Lt & 5 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



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