

Urochem 305

THIXOTROPIC, TWO-PART, FAST SETTING EPOXY ADHESIVE "HORIZONTAL DOWEL BARS"

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.

MIXING

- **Urochem 305** is supplied in a two-part kit, base, and activator in separate tins.
- Transfer the total quantity of activator into the base component and mix thoroughly using a slow speed electric drill fitted with a flat blade stirrer.
- Scrape down the sides of the can and the base and remix until the colour is uniform and free from streaks.
- Thorough mixing is essential and should take 5 to 10 minutes.

APPLICATION

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

Contains organic solvents which are flammable. Do not use in confined spaces. Ensure adequate ventilation and the absence of any ignition source. Wear protective clothing. In case of eye contact wash well with water and obtain medical advice.

Please refer to product MSDS for further information.



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TYPICAL PROPERTIES – AS PER UROCHEM QC

The below properties are based on in-house testing methodologies.

Mixing Ratio	Two component – mix as supplied – Do not part mix
Pot Life	20min
Practical Cure	24 Hours @ 20°C
Full Cure	7 Days
Compressive Strength	>50 Mpa
Tensile Strength	>8 Mpa
Colour	Grey
Solids Content	>98 %
Theoretical Coverage	1 m ² / Lt / mm thick
Shelf Life	12 Months, depending on storage conditions
Application Temp.	5 to 35°C
Pack Size	2 Lt & 5 Lt Kits
Cleaning	Urochem 901
Storage	Store in a cool dry well ventilated place away from heat & sunlight

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