

Urochem 313

SOLVENT FREE, WET TO DRY EPOXY ADHESIVE

DESCRIPTION

Urochem 313 is a modified, solvent free epoxy adhesive specifically formulated to bond wet to cured concrete. It is an excellent adhesive for use with properly prepared brick, concrete, and steel.

PRODUCT APPLICATION

- A modified, solvent free epoxy adhesive specifically formulated to bond new to old concrete but can also be used for bonding of various components to concrete.
- It is also recommended as a screed adhesive.

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 expose firm aggregate.
- Rusted reinforcing should be cleaned and primed with **Urochem 617**.

MIXING

- Using an electric drill and a flat paddle, separately mix the contents of the base and activator before combining the two parts and mixing for at least 5 min. Scrape down the sides of the container whilst mixing. The mixed adhesive should be a uniform colour which is free from streaks and lumps.
- Apply immediately after mixing.

APPLICATION

- Apply with a firm bristle brush working well into voids and rough areas at a spread rate of 1 – 2 m² per Lt. Cast new concrete onto the coated areas before the adhesive has lost tack (+/- 1 hr.).
- If the adhesive has cured roughen the surface of the cured material and re-apply another coat.

CLEANING

Clean all tools and equipment immediately after use with **Urochem 901**. Once the Epoxy has set it will need to be mechanically removed.

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	± 40 Min
Practical Cure	72 Hrs @ 24°C
Full Cure	7 Days
Compressive strength	> 50 Mpa
Tensile strength	> 8 Mpa
Colour	Grey
Solids Content	> 98 %
Theoretical Coverage	1 – 2 m ² per Lt
Shelf Life	12 Months, depending on storage conditions
Application Temp.	10 to 35°C
Service Temp.	-25°C to 60°C Wet / 80°C Dry
Pack Size	2 Lt kit
Cleaning	Urochem 901
Storage	Store in a cool dry well ventilated place away from heat & sunlight

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