

Urochem 230

FPO BANDAGE AND CARBON FIBRE ADHESIVE

DESCRIPTION

Urochem 230 is a filled, thixotropic, low slump solvent free, epoxy bedding mortar and adhesive. It has been specifically designed as a specialized adhesive for **Urochem FPO** (Flexible Polyolefine) bandage systems used in potable water reservoirs as well as wastewater reservoirs, as well as for bonding of Carbon Fibre strengthening strips. It is characterized by a good working life and fast cure.

PRODUCT APPLICATION

Specifically formulated for bonding of **Urochem FPO** and other polymer membranes to prepared concrete in Potable Water Reservoirs, and for bonding of carbon fibre reinforcing strips to prepared concrete.

SURFACE PREPARATION

All surfaces to be clean, sound, and dry, free from any oil laitance, dust or curing agents. Any exposed steel must be cleaned to a bright finish before application of **Urochem 230**. All dust must be removed by compressed air or vacuum.

MIXING

Urochem 230 can be mixed by hand on a flat, clean surface, or can be mechanically mixed if required. Care should be taken when mixing to ensure a streak free uniform colour and consistency. **Do NOT split kits.**

APPLICATION

- **Urochem FPO** and other Membrane Systems
- Tape the area where the membrane is to be applied, typically, 50mm either side under the bandage and 25mm away from the edge onto the concrete.
- Apply the mixed **Urochem 230** at 1mm minimum thickness.
- Bed the **Urochem FPO** membrane into the **Urochem 230**, using a firm roller. Roll the membrane firmly allowing excess **Urochem 230** to extrude from the edge of the membrane.
- Apply the second layer of **Urochem 230** to the **Urochem FPO** membrane and into the **Urochem 230** on the concrete. Total thickness should be 1mm above and 1 mm below the membrane and 2mm on the concrete substrate.
- Remove the masking tape and feather the edge of the **Urochem 230** with a paint brush or trowel.

CARBON FIBRE SYSTEMS

Consult a specialist Structural Engineer for design criteria and specific application methods, as loads on various elements play an integral role in the application of these systems.

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.



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TYPICAL PROPERTIES

Mixing Ratio	Mix as supplied – Do not part mix.
Pot Life	± 30 Minutes
Practical Cure	48 Hrs @ 24° C
Full Cure	7 Days
Compressive Strength	> 50 Mpa
Tensile Strength	> 8 Mpa
Colour	Concrete Grey
Density	1,6
Theoretical coverage	1m ² / Lt / mm
Shelf Life	12 Months
Application Temp.	10 – 35°C
Service Temp.	-25 – 90°C
Pack Size	2 Lt Kits
Cleaning	Urochem 901
Storage	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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