

Urochem 304

1MM SOLVENT FREE EPOXY COATING

DESCRIPTION

Urochem 304 is a twin pack, solvent free, epoxy coating cured with a cycloaliphatic cross-linking agent. It is designed to provide a decorative and protective surface to concrete, asbestos cement, steel, and fibreglass. When applied to floors it forms a permanent, hard wearing chemical resistant finish, suitable for pedestrian and rubber wheeled traffic. **Urochem 304** provides resistance to moderately aggressive acids and alkalis and excellent resistance to oils and petrol. It is characterised by good abrasion resistance and ease of cleaning.

PRODUCT APPLICATION

As an impervious, resilient, and chemically resistant floor or wall coating in manufacturing plants, garages, factories, food processing plants, laboratories, and workshops.

SURFACE PREPARATION

- As with all epoxy systems, surface preparation is of prime importance. For concrete surfaces, remove all grease, oil, dust, laitance, etc., ensuring the substrate is clean, sound, and dry.
- Where required, cut back to a sound substrate before undertaking any remedial repairs with **Urochem 305** Epoxy Patching Compound. Wire brushing, acid etching, sand or high-pressure water blasting may be required to remove any laitance and or curing compounds. Attention to blowholes and omegas is essential for the satisfactory performance of the coating.
- Steel surfaces should be clean, dry, and free of grease, oils, and mill-scale.

MIXING

Mix the base well, add the activator to the base and mix with a flat paddle until both materials are evenly dispersed to form a uniform colour. Use immediately after mixing.

PRIMING

- Prime steel with **Urochem 617** Zinc Rich Primer.
- Prime concrete with **Urochem 307** clear.

APPLICATION

Spread the mixed material with a notched trowel or squeegee to a minimum thickness of 1mm and roll with a spiked roller.

CLEANING

Clean all tools and equipment immediately after use with **Urochem 901** as the cured material is very difficult to remove.

SAFETY

Contact with skin and eyes should be avoided by wearing protective clothing including safety goggles, gloves, and overalls. In case of eye contact flush well with clean water and obtain medical advice. Please consult the Health and Safety Data Sheet.



Urochem Trading (Pty) Ltd

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

(+27) 11 608 2073 • www.urochem.co.za

Urochem 304

1MM SOLVENT FREE EPOXY COATING

TYPICAL PROPERTIES

Mixing Ratio	Mix as supplied
Pot Life	30 min @ 25° C
Tack Free	6 Hours
Full Cure	7 Days
Colour	Grey - Other colours available on order
Chemical resistance	Most dilute acids & alkalis, fuels and oils
Density	1.6
Spread rate	1 m ² per Lt
Overcoat times	Min 6 Hrs / Max 24 Hrs
Shelf Life	12 Months
Application Temp.	5 - 35°C
Service Temp.	60°C wet / 100°C dry
Pack Size	2 Lt & 5 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



Urochem Trading (Pty) Ltd

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

(+27) 11 608 2073 • www.urochem.co.za