

Urochem 306

TWO-PART EPOXY ENAMEL PAINT

DESCRIPTION

Urochem 306 is a high gloss twin pack epoxy enamel paint which provides a tough chemical resistant easily cleaned surface, which once cured, is non-toxic.

PRODUCT APPLICATION

Urochem 306 is used as a surface coating for floors, concrete surfaces, machinery, pipes, ablution blocks, hospitals, schools etc.

SURFACE PREPARATION

- All surfaces to be clean, sound, and dry and free of loose material. Remove dust, laitance, and oils from the substrate before coating commences.
- Prime if required to achieve a smooth finish – Contact Urochem representative.

MIXING

- **Urochem 306** 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

The product is mixed as supplied with a low-speed mixer and a flat paddle until streak free and homogeneous. The product is then poured into paint trays and applied by roller or brush.

CLEANING

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

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.



Urochem Trading (Pty) Ltd

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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	5 Hours @ 25°C
Practical Cure	24Hours
Full Cure	7 Days
Chemical Resistance	Dilute acids, dilute alkalis and general chemicals
Colour	Amber or pigmented as per order
Density	1,3 (cured)
Theoretical Coverage	4 – 8m ² / Lt / coat – 2 coats min
Shelf Life	12 Months, depending on storage conditions
Application Temp.	5 to 35°C
Service Temp.	-20 to 50°C Wet / 80°C Dry
Pack Size	1Lt, 2Lt & 5Lt
Cleaning	Urochem 901
Storage	Store in a cool dry well ventilated place away from heat & sunlight



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CHEMICAL RESISTANCE

Reagent	Test after 3 days (% mass)
10 % Acetic Acid	9.0
10% Hydrochloric Acid	1.2
Xylene	25.5
Ethanol	8.2
Methyl Ethyl Ketone	Destroyed
10 % Sulfuric Acid	2.1
70% Sulfuric Acid	0.9
Deionized Water	1.0
10% Sodium Hydroxide	0.7
50% Sodium Hydroxide	0.1
Ethylene Glycol Monoethyl Ether	19.0
5 % Detergent Solution	1.4
20 % Nitic Acid	1.6

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