

Urochem 101

TWO-PART EPOXY PRIMER FOR POROUS SUBSTRATES

DESCRIPTION

Urochem 101 is a two-component clear epoxy primer which has been designed as a high-performance bonding agent for use in conjunction with **Urochem** polyurethane and epoxy compounds where maximum adhesion to porous substrates is essential.

Its low viscosity allows for deep penetration into porous substrates and its high solids content ensures bonding even when subjected to immersion in water.

PRODUCT APPLICATION

To act as a primer for **Urochem** epoxy and polyurethane compounds when applied to porous or friable surfaces such as concrete or plaster or when water immersion or dampness is anticipated.

SURFACE PREPARATION

Correct preparation of the substrate is critical. All surfaces should be clean, sound, and dry, and all laitance or surface contamination should be removed by wire brushing, grinding or grit blasting. Vacuum or blow with compressed air to ensure removal of dust.

MIXING

- **Urochem 101** 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

Particular attention should be paid to any voids and hollows. Allow at least 30 minutes for the solvent to evaporate before applying the topcoat. If after 3 hours or once the primer has lost its tack, re-prime before applying topcoat. Protect the primed surface from dust or dirt, which could settle and interfere with the adhesion of subsequent coats.

CLEANING

Clean brushes after use with **Urochem 901**. Once cured the primer 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.



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	± 20 Minutes
Practical Cure	24 Hrs @ 25°C
Full Cure	7 Days
Colour	Clear
Density	0.99
Theoretical coverage	8m ² / Lt
Shelf Life	12 Months, depending on storage conditions
Application Temp.	5 to 35°C
Service Temp.	-25 to 90°C
Pack Size	500ml, 1 Lt kits
Cleaning	Urochem 901
Storage	Store in a cool dry well ventilated place away from heat & sunlight

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