

Urochem 617

ONE-PART, POLYURETHANE-BASED ZINC-RICH PRIMER

DESCRIPTION

Urochem 617 is a low viscosity, solvent containing polyurethane pre-polymer that has been enriched with zinc powder and flow agents. The product is applied to metal surfaces where it acts as a passivating coating.

PRODUCT APPLICATION

Urochem 617 should be applied to exposed reinforcing bar, angle iron, metal structures, etc. as an anti-corrosion coating.

SURFACE PREPARATION

All surfaces to be clean sound and dry. Shot blast steel to SA 2.5. Remove all traces of rust, mill scale, and dirt from the surfaces to be coated.

MIXING

Ensure that the contents of the tin are mixed prior to use by using a slow speed electric drill fitted with a flat mixing paddle.

APPLICATION

Apply by brush or roller to the prepared surfaces and allow to settle and cure. Top or intermediate coat must be applied between 12 and 24 hours after primer is applied.

As the binder reacts with atmospheric moisture, be sure to seal the container after pouring out the desired quantity.

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.

NOTE:

Zinc reacts with moisture with the subsequent release of hydrogen gas. Do not expose the uncured product to liquid water in a work or fire situation as evolved hydrogen will combust if ignited.



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TYPICAL PROPERTIES – AS PER UROCHEM QC

The below properties are based on in-house testing methodologies.

Mixing Ratio	Single component
Practical Cure	1 - 6 Hrs - Dependant on % RH and Temp
Full Cure	7 days @ 25°C
Tensile strength	2,0 - 2,5 Mpa
Colour	Natural Zinc
Solids Content	80%
Density	2,02
Theoretical coverage	10 - 12m ² per Lt
Shelf Life	12 Months, depending on storage conditions
Application Temp.	5 to 35°C
Surface Temp.	25 to 80°C
Pack Size	1 Lt & 2 Lt
Cleaning	Urochem 901
Storage	Store in a cool dry well ventilated place away from heat & sunlight

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