

Urochem 617

SINGLE COMPONENT POLYURETHANE-BASED ZINC-RICH PRIMER

DESCRIPTION

Urochem 617 is a low viscosity, solvent containing polyurethane pre-polymer than 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. 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. As the binder reacts with atmospheric moisture, be sure to seal the container after pouring out the desired quantity.

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.

CLEANING

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

SAFETY

Contact with the skin should be avoided by wearing gloves, eye protection and protective clothing. In case of eye contact wash well and obtain medical advice. Use only in well ventilated areas. The product is flammable, and care must be taken to remove all possible sources of ignition. Work in a well-ventilated area.

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

Mixing Ratio	Single component
Practical Cure	1 - 6 Hrs - Dependant on % RH and Temp
Full Cure	24 Hrs
Tensile strength	2,0 - 2,5 Mpa
Colour	Natural Zinc
Solids Content	80%
Theoretical coverage	10 - 12m ² per Lt
Shelf Life	12 Months
Application Temp.	5 - 35°C
Pack Size	1 Lt & 2 Lt
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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