



DRIVING SURFACE PERFECTION™

TECHNICAL DATA SHEET

# ZINC 182

Rust Inhibiting Primer

## TECHNICAL DATA SHEET & PROCESS GUIDE

ISOPON ZINC 182 is a highly effective rust inhibiting primer. It can be applied to all ferrous metal surfaces provided the loose rust is removed. Complete removal of all rust will improve its effectiveness. The hardened ISOPON ZINC 182 forms a tough durable surface onto which paint can be applied. Once applied ISOPON ZINC 182 will provide first class rust protection to ferrous surfaces.

### PROPERTIES

**ZINC 182** can be applied to the following surfaces:-

- Bare metal such as steel and aluminium (etch primers are recommended over aluminium).
- Polyester fillers.
- Can be air dried or low baked
- Original paint surfaces (with the exception of thermoplastic acrylics).

**Available Colours**

- Grey

### TECHNICAL DATA



**Substrates**

- Original Paint
- Mild Steel
- E-coat
- etch primer (for galv/ aluminium)
- SMC
- U-POL Polyester Fillers

**Viscosity**

4.5 - 6 poise

**Specific gravity g/cm<sup>3</sup>**

1.24

### APPLICATION GUIDE



**Tools Required**

- Degreaser
- Abrasives
- HVLP Gravity Gun
- Painters Overalls
- Brush



**Substrate Preparation**

To achieve best results, good preparation is essential. Degrease with U-POL Precleaner (S2000, S2001 or S2002). Abrade the surface:

Original cured paint: wet flat with P400

Bare Metal (mild steel): abrade with P180.

Aluminium and zinc coated steel: must first be coated with 1-2 light coats of ACID#8 1K Etch Primer and allowed to dry for 20 minutes.

GRP, SMC, Glass fibre, Polyester Filler: dry flat with P180.

Before applying primer, clean lightly once more with SYSTEM 20 Degreasers and dry thoroughly.



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### Viscosity Poise

4.5 - 6.0

Working Pot-Life @ 20°C

n/a



### Compliant HVLV Gravity Gun

Gun tip size

1.7- 2.0mm

Air Pressure at the gun

1.8 - 2.0 bar

ISOPON ZINC 182 is supplied ready for use for brush or dip applications. However up to 10% of good quality synthetic or cellulose thinners can be added to adjust viscosity for spray application. Use cellulose thinners or similar proprietary products to clean brush or gun after use.



### Coats

Build / microns

1 - 2 coats

approx 80 - 120



### Flash-off @ 20°C

Between coats

3 - 4 hours



### Drying Times

overcoat time@ 20°C

overnight



### Over Painting

ZINC182 Primer formulation can be directly topcoated with most solvent and water-based basecoats or solid colours. ZINC182 should be sanded with P400 grit paper before over painting.



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### STORAGE & VOC INFORMATION



#### Shelf Life

2 years from date of manufacture in sealed original containers.

**Recommended Storage Temperature** 5°C - 25°C

**Equipment Cleaning** Clean gun Immediately after use with SYSTEM 20 thinner or gunwash.

Order Code	Format	Colour
Z812/S	250ml Tin	Grey Primer
Z812/M	1L Tin	Grey Primer
Z812/2.5	2.5L Tin	Grey Primer

**IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.**

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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