

# Phos prime

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Resource Code: 1597-line  
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## DESCRIPTION

- an anticorrosive zinc phosphate primer for steel

## PRINCIPAL CHARACTERISTICS

- quick-drying, satin finish product offering excellent performance when used alone or under interior and exterior grade high gloss enamels
  - easily applied using either conventional or airless spray
  - a protective coating for structural steelwork, machinery, cranes etc
  - can be left unpainted for a serviceable finish, or may be overcoated with a Watty enamel
- note:** we advise that you test this product to determine if it is suitable for your particular use

## COLOUR AND GLOSS

- red, grey

## BASIC DATA AT 25° C and 50% RELATIVE HUMIDITY

- vehicle type ..... modified polymer
- gloss level ..... satin
- practical spreading rate ..... approximately 4.7m<sup>2</sup>/L at the recommended dry film thickness
- method ..... conventional or airless spray
- touch dry ..... 1 – 2 hours
- hard dry ..... 16 – 24 hours
- re-coat ..... overnight. The drying times will change when the product is used under different temperature and humidity conditions
- viscosity ..... 60 - 70 seconds BS4 cup
- abrasion resistance ..... good
- chemical resistance ..... splash – fair
- solvent resistance ..... splash – good resistance to petroleum products, including oil and grease, resistance to other solvents is fair
- heat resistance ..... withstands dry heat up to 100°C
- weather resistance ..... good when overcoated with a durable finish. When used on exterior applications e.g. structural steel, may be left uncoated for up to 6 months
- clean-up ..... use Watty Industrial Enamel Thinner to clean all equipment
- shelf life ..... at least 12 months in unopened container

## SURFACE PREPARATION

- hand or power tool clean to remove rust or mill-scale
- degrease thoroughly

## INSTRUCTIONS FOR USE

- stir contents thoroughly with a flat-bladed stirrer before and during use
- for airless spray, thin up to 5% by volume using Watty Industrial Enamel Thinner
- for conventional spray, thin up to 15% by volume using Watty Industrial Enamel Thinner
- apply 1 to 2 coats to a dry build of 50 microns
- overcoat with any of Watty's high quality industrial enamels

**SAFETY PRECAUTIONS**

- provide adequate ventilation during use
- apply in approved spray booth and ensure compliance with all relevant legislation
- avoid breathing vapours, or contact with eyes or skin
- keep away from children
- if poisoning occurs, or if breathing difficulty persists or occurs, consult a doctor and have label information available
- in case of eye contact, flush immediately with water for 15 minutes, and contact a doctor
- if skin contact occurs, remove contamination and wash skin thoroughly with soap and water
- for further information, refer to the Watty! Material Safety Data Sheet (MSDS) for the product before use

**DANGEROUS GOODS INFORMATION**

Packing Group	UN No	Haz Chem Code	Precautions
II	1263	3 [Y] E	Highly Flammable

**PACKAGING:** 20 Litres**1. This information is provided with respect to the listed Watty! products. Watty! recommends that:**

- (a) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (b) the product be used only in accordance with the information provided by Watty!; (c) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (d) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.
2. The information in this technical data sheet was prepared using information gathered during product development. While Watty! endeavours to update this information and maintain the accuracy and currency of its contents, Watty! cannot guarantee that the information provided is wholly comprehensive.
3. Watty! recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact your nearest Watty! Office.
4. To the full extent permitted by law, Watty!' s liability for breach of a condition or warranty implied into the contract for sale between Watty! and you by law is limited at Watty!' s election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product.