



INDUSTRIAL WB ZP PRIMER/FINISH

TM2.70

DESCRIPTION

- a water based acrylic zinc phosphate primer/finish for ferrous and non-ferrous metals

PRINCIPAL CHARACTERISTICS

- an industrial maintenance primer/finish for applications where rust prevention of steel is required
- designed for fast turnaround on structural steel components
- excellent corrosion resistance and water resistance properties when topcoated with either a waterbased or solvent based enamel
- excellent anti blocking properties
- water based, low odour, non-flammable
- can be applied over previous water based or solvent based primers and topcoats
- suitable for interior and exterior applications

Note: We advise that you test this product to determine if it is suitable for your particular use.

COLOUR AND GLOSS

- black, flat

BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- vehicle type water based acrylic polymer
- typical film thickness (per coat) 25-35 microns(dry), 70-100 microns (wet)
- solids content approx. 35% by volume
- theoretical spreading rate 14 m²/L for 25 microns (dry), 10 m²/L for 35 microns (dry)
- touch dry after 30-45 minutes
- dry to handle 45-60 minutes
- hard dry 24 hours
- recoat time minimum 2 hours (may be applied wet-on-wet when spraying)
- shelf life (cool and dry place) at least 12 months in unopened container

Drying times of water based coatings are influenced markedly by the ambient relative humidity. Little or no drying will take place on days with high humidity eg. rain or fog. In order to avoid poor film formation and maintain control over the drying time it is recommended that some form of force drying with good air circulation be installed.

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- best coating performance will be obtained with the highest degree of surface preparation
- degrease thoroughly to remove all oil, grease and other surface contaminants
- mild steel; remove all rust and any loose material by wire brush or mechanical sander
- non-ferrous metals, stainless steel, galvanised iron, ZINCALUME®, COLORBOND®; abrade using a Scotch-Brite® pad or wet and dry sandpaper. Do not use steel wool.
- suitable previous coat; mechanically sand with P220-240 grit sandpaper
- substrate temperature should be at least 3°C above dew point
- relative humidity should not exceed 85%
- do not apply at air temperatures below 10°C

INSTRUCTIONS FOR USE

- stir thoroughly with a flat-bladed or mechanical stirrer before, and during use
- paint temperature must be above 15°C, otherwise extra water may be required to obtain application viscosity
- too much thinner will result in low sag resistance and slower cure
- adequate ventilation must be continuously maintained during application and curing
- for recommendations outside those contained in this data sheet, refer to Watty!



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APPLICATION

- **AIRLESS SPRAY**
 - recommended thinner water
 - volume of thinner up to 5%
 - nozzle orifice approx 0.33mm (0.013 inch)
 - nozzle pressure 12 MPa (1700 psi)

- **AIR SPRAY**
 - recommended thinner water
 - volume of thinner up to 5%
 - nozzle orifice 1.6 - 2.0mm
 - nozzle pressure 350 - 450 kPa (50-60 psi)

- **CLEANING SOLVENT** water

SAFETY PRECAUTIONS

- avoid contact with skin and eyes
- use gloves, mask and goggles during application
- provide adequate ventilation when using in confined spaces
- this product is intended for use in industrial situations by professional applicators in accordance with the advice given on this sheet. All work involving the use and application of this product should be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and must not be used without reference to the Material Safety Data Sheet (MSDS)

PACKAGING

20 litres

For the most up to date information contact WattyI Customer Service Hotline or visit the WattyI Website.

	Australia	New Zealand
CUSTOMER SERVICE HOTLINE	132 101	0800 735 551
WEBSITE	http://www.wattyI.com.au	http://www.wattyI.co.nz

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