

All Purpose Primer

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 Resource Code: 1604-line
 August 2003

DESCRIPTION

- a high-quality, anticorrosive zinc phosphate primer for steel

PRINCIPAL CHARACTERISTICS

- provides protection to a variety of substrates
- can be left untopcoated for up to 6 months without losing any of its protective properties
- modified alkyd
- eliminates the need to purchase multiple primers
- easy to apply using conventional or airless spray

COLOURS AND GLOSS

- red, grey and blue. Low gloss

BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- solids content approximately 30±2 % by volume
- gloss 5-10% at 60° angle
- typical film thickness (per coat) apply 1 to 2 coats to a dry build of 50 microns. Better protection will be provided at a dry build of 75 microns. Overcoat with All Purpose Enamel
- theoretical spreading rate approx. 4.7m²/L at the recommended dry film thickness (75 microns dry)
- touch dry after 30-40 minutes
- dry to handle 3-4 hours
- overcoating interval overnight
times will change when the product is used under different temperature and humidity conditions
- viscosity @ 25°C 70-75 seconds (BS4)
- 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
- shelf life (cool and dry place) up to 2 years

SURFACE PREPARATION

- degrease thoroughly, then hand or power tool clean to remove rust or mill-scale
- best coating performance will be obtained with the highest degree of surface preparation
- substrate temperature must be at least 3°C above dew point

INSTRUCTIONS FOR USE

- stir contents thoroughly with a flat-bladed or mechanical stirrer before and during use
- apply conventional or airless spray
- the temperature of the paint must be above 15°C, otherwise extra thinner may be required to obtain application viscosity
- too much thinner will result in lower sag resistance and slower cure
- relative humidity should not exceed 85%
- adequate ventilation must be continuously maintained during application and curing
- for recommendations outside those contained in this data sheet, refer to Wattyl

- **AIRLESS SPRAY**
 - recommended thinner Industrial Enamel Thinner
 - volume of thinner up to 10%
 - nozzle orifice..... approximately 0.46 mm (= 0.018 inch)
 - nozzle pressure 15 MPa (2100 p.s.i.)
- **AIR SPRAY**
 - recommended thinner Industrial Enamel Thinner
 - volume of thinner up to 20%
 - nozzle orifice..... 1.8 - 2 mm
 - nozzle pressure 0.3 - 0.4 MPa (43 - 57 p.s.i.)
- **BRUSH/ROLLER** (for spot repair and stripe coating only)
 - recommended Thinner Mineral Turps
 - volume of Thinner Up to 15%

The maximum dry film thickness that can be achieved when brushing/rolling is 40 microns. Multiple coats may be required to achieve the recommended dry film thickness.
- **CLEANING SOLVENT** Industrial Enamel Thinner

SAFETY PRECAUTIONS

- highly flammable; avoid contact with heat and naked flame
- avoid contact with skin and eyes
- use gloves, mask and goggles during application
- provide adequate ventilation when using in confined spaces
- refer Safety Information Sheets 2430, 2431, 2433, 2434
- for further information refer to the relevant Material Safety Data Sheet
- this product is intended for use in industrial situations by professional applicators in accordance with the advice given on this data sheet
- 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 should not be used without reference to the Material Safety Data Sheet (MSDS)

PACKAGING GROUP II

UN NO 1263

PACKAGING 4 litres, 20 litres

1. This information is provided with respect to the listed Wattyl products. Wattyl 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 Wattyl; (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 Wattyl endeavours to update this information and maintain the accuracy and currency of its contents, Wattyl cannot guarantee that the information provided is wholly comprehensive.
3. Wattyl 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 Wattyl Office.
4. To the full extent permitted by law, Wattyl's liability for breach of a condition or warranty implied into the contract for sale between Wattyl and you by law is limited at Wattyl's election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product.