

**DESCRIPTION**

- a single pack cold galvanising anti-corrosive, zinc rich primer, based on epoxy-ester resins
- conforms to AS/NZS 3750.9 Type 1
- zinc in dry film 87% by weight

**PRINCIPAL CHARACTERISTICS**

- excellent corrosion preventing properties
- excellent adhesion properties
- can be used as a zinc rich repair primer or holding primer
- must be applied directly to suitably prepared bare steel or previously applied zinc rich coating
- the topcoating paint system must be non-saponifiable
- before topcoating with alkyd based primers or enamels a barrier coat must first be applied
- provides cathodic protection to steel

**COLOURS AND GLOSS**

- Grey - flat

**RECOMMENDED FILM THICKNESS (PER COAT)**

	Minimum	Maximum	Typical
Dry film thickness microns	50	50	50
Wet film thickness microns	120	120	120
Theoretical spreading rate m <sup>2</sup> /l	8.4	8.4	8.4

**BASIC DATA AT 25 °C**

- solids content approx.....42% by volume
- touch dry after .....30 minutes
- full cure .....7 days
- temperature resistance .....95 °C (dry), 35 °C (wet)
- Zinc rich primers form zinc salts on the surface. At all times, any visible surface contamination and zinc salts must be removed before overcoating by high pressure potable water cleaning (min. 30 MPa/4000 psi), wet abrasive blasting, sweep blasting or mechanical cleaning

**SURFACE PREPARATION**

- all surfaces to be coated must be clean, dry and free from chalking and contamination
- oil and grease should be removed from all surfaces in accordance with AS 1627.1 solvent cleaning

**MILD STEEL**

- blast clean in accordance with AS 1627.4 to Sa 2½ minimum (AS 1627.9), surface profile 40-70 microns
- if oxidation occurs between blasting and application, the surface should be reblasted to the specified visual standard
- surface defects revealed by the blast cleaning process should be ground, filled or treated in the appropriate manner
- power tool clean in accordance with AS 1627.2 to St 2 minimum (AS 1627.9) (atmospheric exposure only)

**PREVIOUS SUITABLE COAT**

- dry and free from any contamination and sufficiently roughened if necessary
- substrate temperature must be at least 5°C during surface preparation, application and curing and at least 3°C above dew point
- relative humidity should not exceed 85%

**APPLICATION INSTRUCTIONS**

- stir well before use with a flat bladed stirrer or mechanical mixer
- 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
- agitate continuously during application. adequate ventilation must be continuously maintained during application and curing
- Valspar recommends the use of coating inspection reports in compliance with AS/NZS 3894.10,11,12 refer to Information Sheet I-20 for more information
- for recommendations outside those contained in this data sheet, refer to Valspar

**APPLICATION METHODS**

- **AIRLESS SPRAY**
  - recommended thinner .....thinning not necessary
  - nozzle orifice approx. ....0.46-0.53mm (0.018-0.021 inch)
  - nozzle pressure .....12 MPa (1700 psi)
- **AIR SPRAY**
  - recommended thinner .....Thinner L703
  - volume of thinner .....0-10%
  - nozzle orifice approx. ....1.5-3.0mm
  - nozzle pressure .....0.2-0.3 MPa (30-50 psi)
- **BRUSH/ROLLER**
  - recommended thinner .....Thinner L703
  - volume of thinner .....0-3%
  - Avoid leaving brush marks since these will reduce the protective life of the paint system
- **CLEANING SOLVENT**.....Thinner L703

**SAFETY PRECAUTIONS**

- 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
- zinc paints may develop pressure on storage, open containers carefully
- provide adequate ventilation when cutting or welding this product due to harmful zinc fumes
- 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)

**ADDITIONAL DATA**

**Overcoating Table**

Overcoating interval for Galvit EZ when top coating with itself or compatible topcoats

Interval	5°C	15°C	25°C	35°C
Min	4 hrs	3 hrs	2 hrs	1 hrs
Max	2 months			

Note: surface must be dry and free from zinc salts, chalking and contamination prior to overcoating. If overcoating interval is exceeded, the surface must be dry and free from chalking and contamination and sufficiently roughened.



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

**CUSTOMER SERVICE HOTLINE**  
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**Curing Table**

Paint temperature	5°C	15°C	25°C	35°C
Dry to Handle	5 hrs	3 hrs	2 hrs	1 hrs

- adequate ventilation must be continuously maintained during application and curing

**PRECAUTIONS**

- for recommendations outside those contained in this data sheet, refer to Valspar

**PRODUCT COMPATIBILITY**

**Primers**

- n/a

**Topcoats**

- Galvit EZ
- Super Etch Primer
- Aqua Prep Galvanised Iron Primer
- Chem-Tuff

**STORAGE AND PACKAGING**

- shelf life at least 12 months
- all components shall be stored in a dry internal environment at between 5°C and 35°C
- packaging 4 Litres
- product line: 201501.004