

**DESCRIPTION**

- a premium single pack fast drying epoxy modified etch primer

**PRINCIPAL CHARACTERISTICS**

- excellent adhesion to all common metals e.g. mild steel, zincanneal, chrome, brass, copper, lead and lead alloys, stainless steel, aluminium and galvanised iron
- great anti-corrosion properties
- may be overcoated with most low build finish types e.g. enamels, lacquers, chlorinated rubbers, polyurethanes, catalysed acrylics and epoxy coatings
- may be left up to three months before overcoating is required; ensure surface is free from chalking and contamination before top coating

**COLOURS AND GLOSS**

- Cream – low gloss

**RECOMMENDED FILM THICKNESS (PER COAT)**

	Minimum	Maximum	Typical
Dry film thickness microns	15	25	20
Wet film thickness microns	150	250	200
Theoretical spreading rate m <sup>2</sup> /l	6.7	4.0	5.0

**BASIC DATA AT 25 °C**

- solids content approx.....10% by volume
- touch dry after .....5 minutes
- handle dry .....20 minutes

**SURFACE PREPARATION**

- best coating performance will be obtained with the highest degree of surface preparation.
- remove all loose material by wire brush or mechanical sander
- degrease thoroughly to remove all oil, grease and other surface contaminants

**MILD STEEL**

- remove all loose material by wire brush or mechanical sander

**NON FERROUS METALS, STAINLESS STEEL, ZINCALUME<sup>®</sup> & COLORBOND<sup>®</sup>**

- abrade using Scotch-brite pad or wet and dry sand paper. Do not use steel wool
- substrate temperature must be 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 product 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
- adequate ventilation must be continuously maintained during application and curing
- for recommendations outside those contained in this data sheet, refer to Valspar

**APPLICATION METHODS**

- **AIRLESS SPRAY**
  - not recommended
- **AIR SPRAY**
  - recommended thinner .....L780
  - volume of thinner .....10-30%
  - nozzle orifice approx. ....1.4-1.8mm
  - nozzle pressure .....0.3-0.4 MPa (50-60 psi)
- **BRUSH/ROLLER**
  - not recommended
- **CLEANING SOLVENT** ..... L780

**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
- 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 Safety Data Sheet (SDS)

**ADDITIONAL DATA**

**Overcoating Table**

Overcoating interval for Colourthane Etch Primer when top coating with itself or compatible products

Interval	5 °C	15 °C	25 °C	35 °C
Min	5 hrs	3hrs	2hrs	1hr
Max	3 Months *			

- ensure surface is dry and free of chalking and contamination
- \* if overcoating interval is exceeded, the surface must be dry and free from chalking and contamination and sufficiently roughened prior to overcoating

**Curing Table**

Paint temperature	5 °C	15 °C	25 °C	35 °C
Dry to handle	60 mins	40 mins	20 mins	10 mins
Full cure	2 days	1 day	1 day	1 day

- \* 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**

**Topcoats**

- Colourthane 500
- Colourthane DTM540

**STORAGE AND PACKAGING**

- shelf life at least 12 months at 25 °C
- all components shall be stored in a dry internal environment at between 5 °C and 35 °C
- packaging: 20 Litres, 4 litres, 1 litre

For the most up to date information visit our website or Contact Valspar Customer Service Hotline on:

[www.wattylpc.com](http://www.wattylpc.com)  
132 101 (Australia) or 0800 735 551 (New Zealand)



Quality  
ISO 9001

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