

DESCRIPTION

- a single pack epoxy modified etch primer
- conforms to AS/NZS3750.17 Type 1, AS/NZS3884 Type 1

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
- 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	15
Wet film thickness microns	150	250	150
Theoretical spreading rate m ² /l	6.7	4.0	6.7

BASIC DATA AT 25 °C

- solids content approx.....10% by volume
- touch dry after5 minutes
- handle dry.....20 minutes
- temperature resistance75 °C (dry)

SURFACE PREPARATION

- remove all loose material by wire brush or mechanical sander
- oil and grease should be removed from all surfaces in accordance with AS 1627.1 solvent cleaning

MILD STEEL

- remove all loose material by wire brush or mechanical sander

NON FERROUS METALS, STAINLESS STEEL, ZINCALUME[®] & COLORBOND[®]

- 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

- 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**
 - not recommended
- **AIR SPRAY**
 - recommended thinnerL780 Industrial Universal Thinner
 - volume of thinner10-30%
 - nozzle orifice approx.1.4-1.8mm
 - nozzle pressure0.3-0.4 MPa (50-60 psi)
- **BRUSH/ROLLER**
 - not recommended
- **CLEANING SOLVENT**L780 Industrial Universal Thinner

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 Material Safety Data Sheet (MSDS)

ADDITIONAL DATA

Overcoating Table

Overcoating interval for Duranamel PR7 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

- Duranamel BR22
- Epiname CF602
- Poly U400 (colours)
- Poly U750
- Paracryl IF540 (colours)

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
- product line: 2001



Quality
ISO 9001

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Valspar's laboratory facilities are accredited for technical competence with the National Association of Tests Authorities, Australia (NATA) and comply with the requirements of ISO/IEC 17025. Accreditation No.104 (Footscray), 166 (Blacktown), 1154 (Glendenning) and 931 (Kilburn).



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

CUSTOMER SERVICE HOTLINE WEBSITE

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