

DESCRIPTION

- a two pack polyamide cured epoxy gloss finish coat
- approved to APAS-2972
- conforms to AS/NZS 3750.10

PRINCIPAL CHARACTERISTICS

- excellent resistance to alkali, salt and fresh water, mineral oils and solvents
- resistance to dilute acid splash
- excellent abrasion and impact resistance
- suitable for total immersion in salt and fresh water
- interior and exterior use
- may chalk or discolour on exterior exposure- does not detract from its performance
- may also be used as a primer for concrete and fibre cement when correctly thinned

COLOURS AND GLOSS

- AS 2700 colour card – gloss

RECOMMENDED FILM THICKNESS (PER COAT)

	Minimum	Maximum	Typical
Dry film thickness microns	25	35	35
Wet film thickness microns	50	70	70
Theoretical spreading rate m ² /l	20.0	14.3	14.3

BASIC DATA AT 25 °C

- solids content approx.....50% by volume
- mix ratio1A:1B by volume
- touch dry after2 - 3 hours
- full cure7 days
- temperature resistance125 °C (dry), 35 °C (wet)

SURFACE PREPARATION

CONCRETE

- must be free from bond breakers, curing agents or any other contaminants that may interfere with adhesion
- acid etch to remove all laitance (atmospheric exposure only)
- blast clean to remove all laitance
- moisture content of concrete should be max. 4%
- ensure all new concrete is fully cured prior to coating. Typically this may take a minimum of 4-6 weeks

PREVIOUS SUITABLE COAT

- must be dry and free from any contamination and sufficiently roughened if necessary
- oil and grease should be removed from all surfaces in accordance with AS 1627.1 solvent cleaning
- substrate temperature must be above 10°C during surface preparation, application and curing and at least 3°C above dew point
- relative humidity should not exceed 85%

APPLICATION INSTRUCTIONS

- mixing ratio by volume 1A:1B
- mix Epinamel CF602 Part A with Epinamel CF602 Part B only
- induction time - 20 mins at 15 °C, 10 mins at 25 °C
- stir thoroughly after the induction time before using
- pot life at 25 °C 8 hours. Do not use after this time even if the mix is still liquid
- stir the components and mixed product well using a mechanical mixer
- the temperature of the mixed 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
- thinner should only be added after mixing the components
- freshly catalysed material should not be added to product that has been mixed for some time
- 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 thinnerThinner L760
 - volume of thinner0-5%
 - nozzle orifice approx.0.33 mm (0.013 inch)
 - nozzle pressure15 MPa (2100 psi)
- **AIR SPRAY**
 - recommended thinnerThinner L760
 - volume of thinner0-10%
 - nozzle orifice1.8-2.0mm
 - nozzle pressure0.3-0.4 MPa (50-60 psi)
- **BRUSH/ROLLER**
 - recommended thinnerThinner L760
 - volume of thinner0-5%
- When using Epinamel CF602 as a primer for concrete thin the first coat 20% to assist penetration
- Thin subsequent coats up to 5%
- **CLEANING SOLVENT** Thinner L760
- If spaying for extended periods or if stopping work it is recommended to intermittently flush out spray lines.

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 Epinamel CF602 when top coating with itself

Interval	15 °C	25 °C	35 °C
Min	32 hrs	16 hrs	8 hrs
Max	12 days	7 days	4 days

- surface must be dry and free from 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

Curing and Potlife Table

Paint temperature	5 °C	15 °C	25 °C	35 °C
Dry to handle	n/a	6 hrs	3 hrs	2 hrs
Full cure	n/a	12 days	7 days	4 days
Potlife (at application viscosity)	n/a	12 hrs	8 hrs	4 hrs

- adequate ventilation must be continuously maintained during application and curing

PRECAUTIONS

- for recommendations outside those contained in this data sheet, refer to Valspar
- epoxy coatings characteristically chalk or discolour on exterior exposure- this does not detract from their protective performance.

PRODUCT COMPATIBILITY

Primers

- Duranamel PR7 Etch
- Epinamel CP502
- Epinamel PR250
- Epinamel PR360ZPS

Topcoats

- Epinamel CF602

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 8 Litre kit (4Litre Part A, 4 Litre Part B)
- product line: 2035



Quality
ISO 9001

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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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