

**DESCRIPTION**

- a two pack polyamide cured, epoxy clear sealer

**PRINCIPAL CHARACTERISTICS**

- specially formulated for penetration and sealing of timber substrates
- eliminates ingress of moisture
- reduces risk of warping and dry rot
- used only as the primer for a total protective coating system

**COLOURS AND GLOSS**

- Clear - gloss

**RECOMMENDED FILM THICKNESS (PER COAT)**

	Minimum	Maximum	Typical
Dry film thickness microns	12	12	12
Wet film thickness microns	50	50	50
Theoretical spreading rate m <sup>2</sup> /l	20	20	20

**BASIC DATA AT 25 °C**

- solids content approx..... 24% by volume
- mix ratio .....1A:1B by volume
- touch dry after .....1-2 hours
- full cure .....7 days
- temperature resistance .....95 °C (dry), 35 °C (wet)

**SURFACE PREPARATION**

- all surfaces must be free from wax, silicone, oil and other contaminants

**TIMBER**

- should be thoroughly dried to give a moisture content of approximately 10-12%
- dry sand using 60-80 grade sandpaper provide an even roughened finish. Remove all loose or weathered timber and other contamination. Remove all sanding dust.
- substrate temperature must be at least 15°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 SeaPro TP80 Part A with SeaPro TP80 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
- thinner should only be added after mixing the components
- first coat may need to be thinned up to 50% for maximum penetration
- second coat may need to be thinned up to 25% for maximum penetration
- freshly catalysed material should not be added to product that has been mixed for some time

- allow induction time before use
- 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 thinner .....Thinner L760
  - volume of thinner .....0-10%
  - nozzle orifice approx. ....1.5mm
  - nozzle pressure .....0.3-0.4 MPa (50-60 psi)
- **BRUSH/ROLLER**
  - recommended thinner .....Thinner L760
  - volume of thinner .....0-5%
- **CLEANING SOLVENT**.....Thinner L760

**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**

Minimum and maximum overcoating intervals at a dft of 12 microns

	Interval	15 °C	25 °C	35 °C
Using SeaPro TP80	Min	2 hrs	1 hr	1 hr
Other recommended coatings	Min	24 hrs	16 hrs	12 hrs
	Max	32 hrs	24 hrs	16 hrs

- 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**

For SeaPro TP80 at a dft of 12 microns

Substrate temperature	15 °C	25 °C	35 °C
Touch Dry	2hrs	1 hr	1 hr
Full cure	10 days	7 days	5 days
Potlife (at application viscosity)	12 hrs	8 hrs	4 hrs

- adequate ventilation must be continuously maintained during application and curing
- longer drying times may be necessary at higher dft's and under less favourable atmospheric and ventilation conditions. Consult Valspar before overcoating at temperatures outside the limits shown

**PRECAUTIONS**

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

**PRODUCT COMPATIBILITY**

**Primers**

- n/a

**Topcoats**

- Epiname! DTM985
- SeaPro TC90
- SeaPro TC170

**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 2litre kit (1litre Part A, 1litre Part B)
- product line: 2081



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), 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**  
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