

DESCRIPTION

- a two pack high build modified epoxy tiecoat

PRINCIPAL CHARACTERISTICS

- adhesion promoting tiecoat for antifouling systems
- suitable for use as an anticorrosive build coat in the underwater coating system
- suitable for immersion in fresh and salt water
- can be used over correctly prepared and primed steel, aluminium, fibreglass and timber substrates
- light colour providing good contrast and visibility in dry dock situations

COLOURS AND GLOSS

- Light Ochre - flat

RECOMMENDED FILM THICKNESS (PER COAT)

	Minimum	Maximum	Typical
Dry film thickness microns	75	150	75
Wet film thickness microns	125	250	125
Theoretical spreading rate m ² /l	8.0	4.0	8.0

BASIC DATA AT 25 °C

- solids content approx.....60% by volume
- mix ratio4A:1B by volume
- touch dry after2 hours
- full cure7 days
- temperature resistance95 °C (dry), 35 °C (wet)

SURFACE PREPARATION

- SeaPro™ TC170 Tiecoat must always be applied over a recommended primer coating system

PREVIOUS SUITABLE COAT

- must be dry and free from chalking and contamination and sufficiently roughened if necessary
- oil and grease shall be removed from all surfaces in accordance with AS 1627.1 solvent cleaning
- substrate temperature must be at least 5°C during surface preparation, application and curing and at least 3°C above dew point
- relative humidity shall not exceed 85% during application and curing

APPLICATION INSTRUCTIONS

- mixing ratio by volume: 4A:1B
- mix SeaPro TC170 Part A with SeaPro TC170 Part B only
- induction time – 10 mins at 25 °C
- stir thoroughly after the induction time before using
- pot life at 25 °C - 6 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.0.46mm (0.018 inch)
- nozzle pressure15 MPa (2100 psi)

• **AIR SPRAY**

- recommended thinnerThinner L760
- volume of thinner0-15%
- nozzle orifice approx.1.5-2.0mm
- nozzle pressure0.3-0.4 MPa (50-60 psi)

• **BRUSH/ROLLER**

- recommended thinnerThinner L760
- volume of thinner0-5%
- The maximum dry film thickness that can be achieved when brushing/rolling is 50 microns
- Multiple coats may be required to achieve the recommended dry film thickness

• **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

Overcoating interval for SeaPro TC170 Tiecoat at 75 microns dft when topcoating with itself or suitable topcoats

Interval	5 °C	15 °C	25 °C	35 °C
Min	24 hrs	16 hrs	8 hrs	6 hrs
Max	8 days	6 days	4 days	2 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

for SeaPro TC170 Tiecoat at 75 microns dft

Substrate temperature	5 °C	15 °C	25 °C	35 °C
Minimum curing time before immersion in salt water	4 days	2 days	24 hrs	16 hrs
Full cure	-	15 days	7 days	5 days
Potlife (at application viscosity)		8 hrs	6 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 Wattyl before overcoating at temperatures outside limits shown

PRECAUTIONS

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

PRODUCT COMPATIBILITY

Primers

- Epinamel UC230
- Epinamel PR250
- Epinamel DTS680
- Epinamel DTM985

Topcoats

- SeaPro Plus 100
- SeaPro CU120

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 10litre kit (8litre Part A, 2litre Part B)
- product line: 2080



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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
WEBSITE**

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