SEAPRO® PLUS 100 ANTIFOULING

P60.02

DESCRIPTION

- a single pack tin-free, long-life antifouling based on a specially formulated binder and biocides

PRINCIPAL CHARACTERISTICS

- formulated particularly for aluminium vessels and hulls with aluminium appendages
- long-life antifouling providing control of common types of fouling, the life expectancy depends on sailing pattern, temperature conditions and dry film thickness
- for newly constructed and maintenance of marine vessels
- also suitable for steel and fibreglass vessels

COLOURS AND GLOSS

- Black, Blue - flat

RECOMMENDED FILM THICKNESS (PER COAT)

	Minimum	Maximum	Typical
Dry film thickness microns	75	100	100
Wet film thickness microns	150	200	200
Theoretical spreading rate m^2/l	6.7	5.0	5.0

- a minimum application of two coats is required

BASIC DATA AT 25°C

- solids content approx.....50% by volume
- touch dry after .....1-2 hours
- refloating time .....do not immerse within 8 hours of applying the last coat
- temperature resistance .....95°C (dry), 35°C (wet)

SURFACE PREPARATION

- use over a suitable high-performance anti-corrosive coating such as the Wattyl recommended epoxy, chlorinated rubber

PREVIOUS SUITABLE COAT

- must be dry and free from chalking and 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 at least 5°C during surface preparation, application and curing and 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 mixed product must be above 15°C, otherwise extra thinner may be required to obtain application viscosity
- too much solvent will result in lower sag resistance and slower cure
- adequate ventilation must be maintained during application and curing
- the success of an antifouling job depends on the dry film build applied which has a direct effect on the life expectancy. Irrespective of how this product is applied, it is the owner's responsibility to ensure that the total nominated dry film thickness is achieved. Depending upon method of application and prevailing conditions, multiple coats may be necessary. The preferred method of application is by spray
- 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 thinner .....Thinner L703
  - volume of thinner 0-5%
  - nozzle orifice approx. .....0.46mm (0.018 inch)
  - nozzle pressure .....15 MPa (2100 psi)

- **AIR SPRAY**
  - recommended thinner .....Thinner L703
  - volume of thinner 0-10%
  - nozzle orifice approx. 2.0mm
  - nozzle pressure .....0.3-0.4 MPa (50-60 psi)

- **BRUSH/ROLLER**
  - recommended thinner .....Thinner L703
  - volume of thinner 0-3%
  - because the maximum dry film thickness achievable by brush or roller is approximately 50 microns, full coats must be applied. Do not over-brush or over-roll. Multiple coats must be applied to achieve the specified film build

- **CLEANING SOLVENT**.....Thinner L703

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 Plus 100 when top coating with itself

Interval	5°C	15°C	25°C	35°C
Min	18 hrs	12 hrs	6 hrs	4 hrs
Max	Unlimited when dry and free from chalking and contamination			

Refloating Table

Substrate temperature	5°C	15°C	25°C	35°C
Minimum	24 hrs	12 hrs	8 hrs	6 hrs
Maximum	30 days	30 days	30 days	30 days

- Longer drying times may be necessary at higher dft's and under less-favourable atmospheric and ventilation conditions. Consult Valspar before overcoating and refloating at temperatures outside the limits shown. Must be immersed within 30 days of application of antifouling

PRECAUTIONS

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

PRODUCT COMPATIBILITY

Primers

- SeaPro TC90
- SeaPro TC170

Topcoats

- SeaPro Plus 100

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 10 and 4 Litres
- product line: 2081

Certified System Quality ISO 9001

Valspar is committed to quality in the design, production and delivery of its products and services. Valspar's Australian manufacturing facilities quality management systems are certified to ISO9001.

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).

NATA ACCREDITED FOR TECHNICAL COMPETENCE

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

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WEBSITE	www.wattylpc.com	www.wattylpc.com