

DESCRIPTION

- a single pack self polishing, tin-free antifouling based on a blend of cuprous oxide and a specially-developed antifouling performance-enhancers

PRINCIPAL CHARACTERISTICS

- a fast polishing antifouling suitable for low speed vessels or vessels that are continually at anchor
- a 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
- the coating has a controlled erosion-rate to give effective protection, when applied at the specified film thickness, by producing a constant smoothing of the surface
- **not suitable for aluminium hulls and appendages**

COLOURS AND GLOSS

- Red, Blue, Black - flat

RECOMMENDED FILM THICKNESS (PER COAT)

	Minimum	Maximum	Typical
Dry film thickness microns	100	150	100
Wet film thickness microns	200	300	200
Theoretical spreading rate m ² /l	5.0	3.3	5.0

BASIC DATA AT 25 °C

- solids content approx..... 50% by volume
- touch dry after1-2 hours
- refloating timedo not immerse within 8 hours of applying the last coat
- temperature resistance95 °C (dry), 35 °C (wet)

SURFACE PREPARATION

- use over a suitable high-performance anti-corrosive coating system such as the Wattyl recommended epoxy or 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 on 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 thinnerThinner L703
 - volume of thinner0-5%
 - nozzle orifice approx.0.46mm (0.018 inch)
 - nozzle pressure15 MPa (2100 psi)
- **AIR SPRAY**
 - recommended thinnerThinner L703
 - volume of thinner0-10%
 - nozzle orifice approx.2.0mm
 - nozzle pressure0.3-0.4 MPa (50-60 psi)
- **BRUSH/ROLLER**
 - recommended thinnerThinner L703
 - volume of thinner0-3%
 - 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 CU120 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 CU120

RECOMMENDED DRY FILM THICKNESS

- standard condition: 12 knots, 50% operation rate, 20°C seawater temperature
- speed, operational rate and seawater temperature influence polishing rate. DFT needs to be adjusted to suit local conditions and sailing patterns
- where extended service periods are required, contact Valspar Technical Service for advice

Approx Service Period (Months)	12	18	24	30	36
New build or total removal of previous coating	1x125µm	1x150µm	2x100µm	2x125µm	2x150µm
Maintenance	1x100µm	1x125µm	1x150µm	2x100µm	2x125µm

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



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).



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

CUSTOMER SERVICE HOTLINE

Australia
132 101
www.wattylpc.com

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0800 735 551
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WEBSITE

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