SEAPRO TC90 TIECOAT

P61.02

DESCRIPTION

- a single pack aluminium-pigmented, modified chlorinated rubber tiecoat /primer sealer

PRINCIPAL CHARACTERISTICS

- an anticorrosive primer/sealer with excellent water-resistance
- tiecoat for antifouling systems
- application properties are excellent
- can be used above and below the waterline
- can be used in systems for steel, aluminium, fibreglass and timber substrates

COLOURS AND GLOSS

- Metallic Silver - flat

BASIC DATA AT 25°C

- solids content ..... approx. 45% by volume
  typical film thickness (per coat)..... 75 microns(dry), 165 microns(wet),
- theoretical spreading rate ..... 6 m²/litre for 75 microns(dry)
- touch dry after..... 1-2 hours
- overcoating interval ..... min. 6 hours, extra time required for subsequent coats
  max. unlimited. Ensure surface is free from chalking and contamination
- shelf life (cool and dry place)..... at least 12 months

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- all surfaces to be coated must be clean, dry and free from chalking and contamination
- oil and grease should be removed from all surfaces in accordance with AS 1627.1 solvent cleaning
- mild steel; abrasive blast in accordance with AS 1627.4 to minimum Sa 2½ (AS 1627.9) profile 40 - 70 microns
- if oxidation occurs between blasting and application, the surface should be reblasted to the specified visual standard
- surface defects revealed by the blast cleaning process should be ground, filled or treated in the appropriate manner
- previous suitable coat; dry and free from any contamination and sufficiently roughened if necessary
- substrate temperature must be at least 5°C during application and curing and at least 3°C above dew point
- relative humidity should not exceed 85%

INSTRUCTIONS FOR USE

- stir well before use with a flat bladed stirrer or mechanical mixer
- the temperature of the 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
- for recommendations outside those contained in this data sheet, refer to Wattyl

APPLICATION

- **AIRLESS SPRAY**
  - recommended thinner .....Thinner L703
  - volume of thinner .....up to 3%
  - nozzle orifice .....approx. 0.45 mm (0.017 inch)
  - nozzle pressure .....approx. 15 MPa (2100 psi)

- **AIR SPRAY**
  - recommended thinner .....Thinner L703
  - volume of thinner .....up to 10%
  - nozzle orifice .....approx. 2 mm (0.079 inch)
  - nozzle pressure .....approx. 0.3 – 0.4 MPa (50 - 60 psi)

- **BRUSH/ROLLER**
  - recommended thinner .....Thinner L703
  - volume of thinner .....up to 3%

  Because the maximum dry film thickness achievable by brush or roller is only 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

Drying time before overcoating SeaPro TC90 Tiecoat at a dft of 75 microns (surface should be dry and free from any chalking and contamination)

Paint type	Minimum drying-time (hours) at the substrate-temperature shown:			
	5ºC	15ºC	25ºC	35ºC
SeaPro TC90 Tiecoat	10 hrs	8 hrs	6 hrs	4 hrs
Wattyl Antifoulings	18 hrs	12 hrs	6 hrs	4 hrs

- SeaPro TC90 Tiecoat has no maximum recoat time. It may be recoated at any time after application, provided that the surface is free from chalking and contamination. For best performance when overcoating with alkyd paints (eg. Duranamel BR22 etc.) use an alkyd primer (eg. Duranamel PR10) or recoat within 48 hours

NOTE: 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

CUSTOMER SERVICE HOTLINE 132101 (Aust)