



COATING SPECIFICATION

PPG Industries (NEW ZEALAND) LTD

Prepared For: TOTAL PAINT SUPPLIES

Project: Coating system for 11m steel hull refurbishment – Below Waterline
 Item: Mild Steel, High Pressure Water Blast – Ablative Antifouling Finish
 Spec No: **09-046v**
 Date: 11 May 2009

SURFACE PREPARATION

High Pressure water Jetting – 70-170 MPa (10,000-25,000 psi) – Surfaces shall be examined for presence of oil or grease. Degrease with 87 Allsol, or detergent, or 88 DP Cleaner, as appropriate. A WJ-2 surface shall be cleaned to a matt finish with at least 95% of the surface area free of all previously existing visible residues, and the remaining 5% containing only randomly dispersed stains of rust, coatings and foreign matter. Ref. SSPC-SP12/NACE No.5 WJ-2.

1. Apply a full coat of Amerlock Sealer to all recently prepared bare steel by roller or spray application. Leave for overnight cure before recoating.
2. Apply a full coat of Amerlock 2 to all surfaces by conventional or airless spray application. Use a contrasting colour. Leave until tack free but still soft to the thumbnail before applying antifouling. If cured beyond this point an additional coat of Amerlock 2 must be applied.
3. Apply 2 full coats of ABC#3 antifouling to epoxy surface. Leave 6 hours minimum cure between coats. Use contrasting colours.

TYPE	PRODUCT	COVERAGE sq.m/L	DFT MICRONS	WFT MICRONS	MIX RATIO	POT LIFE	REDUCER	RECOAT DETAILS Min. @20degC Max.
Spot Primer	AMERLOCK SEALER Solvent-Free Epoxy	13.3-11.1	75-90	75-90	1:1	1.5 hours	<10% 470T	16 hrs – 1 Week Abrade after this time
Full coat	AMERLOCK 2 (specify desired shade) High Build Epoxy	5.5-4.6	150-180	180-215	1:1	1.5 hours	<10% 470T	See above
Antifoul 1	ABC #3 ABLATIVE ANTIFOUL	5.2-3.4	100-150	190-290	N/A	N/A	475 (cleanup)	6hrs - Indefinite
Antifoul 2	ABC #3 ABLATIVE ANTIFOUL	5.2-3.4	100-150	190-290	N/A	N/A	475 (cleanup)	6hrs - Indefinite

Additional Information: Available shades for ABC#3 Ablative Antifouling are: 9401 Brown, 9650 Red, 10000 Black and 9999 Blue

Allow appropriate loss factor, according to the type of work being coated, and the method of application.

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