



## 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, Dry Abrasive Blast – Ablative Antifouling Finish  
Spec No: **09-045v**  
Date: 11 May 2009

### SURFACE PREPARATION

Surfaces contaminated with oils, salts acids or other chemicals should be cleaned by solvent or detergent washing prior to abrasive cleaning, to prevent circulation of contaminants with abrasive grit.

All surfaces should be blast cleaned in accordance with AS1627.4 Class 2 ½ and with an angular anchor pattern of 75-100 microns. Blast cleaned surfaces should be primed as soon as practicable after preparation, before surfaces deteriorate or become contaminated.

1. Apply a full coat of Amerlock 2 to all recently prepared bare steel by conventional or airless spray application. Leave for overnight cure before recoating.
2. Apply a second 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 2 <i>(specify desired shade)</i> High Build Epoxy	5.5-4.6	150-180	180-215	1:1	1.5 hours	<10% 470T	16 hrs – 1 Week Abrade after this time
Full coat	AMERLOCK 2 <i>(specify desired shade)</i> 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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Signed:.....