



# SEA HORSE SERVICES SDN.BHD

## Aqua ST-03

*Your Eco Practical Coating*

### PRODUCT DESCRIPTION

Aqua ST-03 designed as a two part paint system. It is a low volatile organic content paint with a high solid content It is a modified epoxy coat that gives long terms protection and is highly resistance properties and is ideal for use in harsh marine and industrial environments where there is no compromise on quality. An additional advantage of Aqua ST -03 is that it will continue to cure even when immersed in water

### PRODUCT APPLICATION

Aqua ST-03 is a versatile paint with many potential applications. It is suitable for wide range off application like offshore, beams, decks and to other structures from civil and day to day use. It can be used on new as well as old metals. It is ideal for ships, piles, per-fabricated metal structures. It is self priming and does not require a top coat . It can be applied over existing coatings. It can also be used in highly corrosive environments such as chemical plants, naturally occurring acidic areas such as jetties and sluice gates, paper mills, palm oil mills and many others.

### PRODUCT INFORMATION

Colour	Grey, White
Packing	16 Liter pack
Mixing Ratio	1.2 : 1 ( Part A & B (1.2: 1) by weight only
Volume Solids	95% ± 3%
Working Pot Life	90 minutes at 35 °C
Maximum Solvent	3 - 5 %
Coating Layer	1 -2
Touch Dry	45 - 90 minutes at 30 °C
Temperature Resistance	110°C ( After full cure)
Chemical Resistance	75% H <sub>2</sub> SO <sub>4</sub>
Recommended DFT	250 - 1000µm
Coating Layer	1 - 2 on deck
Theoretical Coverage	3.8 Square meter based on 250µm
Recommended Thickness	250µm - 300µm
Full Cure	Can be over coated when ever touch dry
Over Coating	4 hours
Shelf Life	At least 12 month when stored in sealed containers

### APPLICATION DATA

Brush Application	100 ~ 150 µm
Over Coating Interval	Can be over-coated when touch dry
Method	Airless spray, Air spray (pressure pot ) Roller Brush Airless Spray
	Airless spray : Tip size -0.017 inch or larger
	Conventional spray. A moisture and oil trap in the air supply line, mechanical agitator are recommended
Thinning ratio:	5 - 15% when required



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RESISTANCE TABLE

	Acid	Alkali	Solvent	Sea Water	Fresh Water
Spillage	C	A	B	A	A
Fume	B	A	A	A	A
Immersion	NR	NR	X	A	A

NR : Not Recommended X : Poor C: Fair, B: Good, A: Very Good

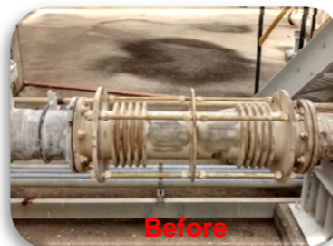
### Barge Coating



### Vessel Coating



### Power Station – Coating on Distillate Fuel Oil Pipeline



### Power Station – Multiple Pipes



### Power Station – Coating on Tank Top



### CW Pipe and Motor Coating





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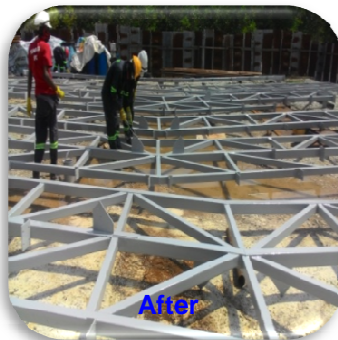
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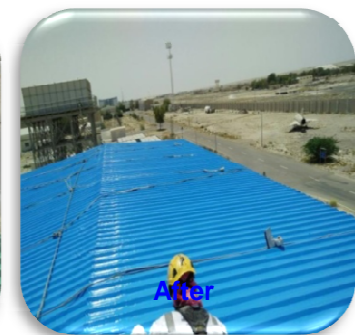
### Floor Coating at Fisherie Distribution Centre



### New Factory Steel Structure Coating



### Workshop Waterproofing Work at Abu Dhabi, U.A.E.



### Guard Rail Coating

