



SEA HORSE SERVICES SDN.BHD

Aqua HD 16-04

Aqua Guard – Epoxy Coating

PRODUCT DESCRIPTION

Aqua HD 16 – 04 used for drinking water tank interiors ,invented 100% solid epoxy resin paint that has a fast dry through time as well as excellent adhesion and durability. Solidifying (100%) the solution in which has become friendly to working conditions and the environment has eliminated the harmful solvents and strong odors.

PRODUCT APPLICATION

Aqua HD 16-04 finish as drinking seawater supply steel pipe and drain steel pipe interior, equipment related to drinking water.

PRODUCT INFORMATION

Color	White,Grey Colours
Packing	16 Liter pack
Mixing Ratio	2.6 : 1 Part A & B by Weight.
Volume Solids	100% (ASTM 2697)
Working Pot Life	20 – 30 mins 30°C (at higher temperatures pot-life decreases)
Touch Dry	2- 3hrs at 30°C
Hard Dry	18-24hrs at 30°C
Recommended DFT	250 - 400µm
Theoretical Coverage	4 m ² /litre at 250 microns DFT, allow appropriate loss factors
Over Coating Interval	2 -3 hrs at 30°C (After touch dry).
Shelf Life	At least 24 month when stored in sealed containers

APPLICATION DATA

Coating Thickness	250 ~ 400 µm(DFT)
Surface Preparation	<u>Steel:-</u> ✓ Near white metal -Sa2.5(ISO 8501-1) with anchor profile 40 ~ 75µm(SSPC-SP10) ✓ ensure blasted steel free from re-rust,oil,sand,moisture or any another contaminates <u>Concrete:-</u> ✓ Ensure free from loose dust and other contaminates
Method of application	✓ Airless Spray, Conventional Spray. Roller , Brush recommended. ✓ Airless spray : Tip size -0.021 inch to 0.031 inch ✓ For Conventional spray a moisture and oil trap in the air supply line, mechanical agitator are recommended
Thinning ratio	Not necessary, if required use 5% Xylene

ENVIRONMENTAL CONDITIONS

- ✓ Air Temperature 5 ~ 49°C
- ✓ Substrate Temperature 5 ~ 49°C
- ✓ Relative Humidity :- up to 85%