

## Aqua HB Epoxy

### 3 Coat System – Intermediate Coat

#### PRODUCT DESCRIPTION

Aqua HB Epoxy is a low VOC, high solids, high build, two component epoxy coating middle coat three coat system and applied over Zinc Rich primers.

#### PRODUCT APPLICATION

Aqua HB Epoxy for use to improve barrier protection for a range of anti-corrosive coating systems in a wide range of environments including offshore structures, petrochemical plants, pulp and paper mills and bridges. Suitable for use in both maintenance and new construction situations as part of an anti-corrosive coating system.

#### PRODUCT INFORMATION

Color	All RAL,BS colours
Packing	16 Liter pack
Mixing Ratio	3 : 1 Part A & B by Weight
Volume Solids	80 ±3% (ASTM 2697)
Working Pot Life	30 – 50 mins 30°C (at higher temperatures pot-life decreases)
Touch Dry	2- 3hrs at 30°C
Hard Dry	4-6hrs at 30°C
Recommended DFT	150 - 200µm
Theoretical Coverage	5.9 m <sup>2</sup> /litre at 150 microns DFT, allow appropriate loss factors
Over Coating Interval	2 -3 hrs at 30°C (After touch dry).
Shelf Life	At least 12 month when stored in sealed containers

#### APPLICATION DATA

Coating Thickness	150 ~ 200 µm(DFT)
Surface Preparation	<p><u>Steel:-</u></p> <ul style="list-style-type: none"> <li>✓ Near white metal -Sa2.5(ISO 8501-1) with anchor profile 40 ~ 75µm(SSPC-SP10)</li> <li>✓ ensure blasted steel free from re-rust,oil,sand,moisture or any another contaminates</li> </ul>
Method of application	<ul style="list-style-type: none"> <li>✓ Airless Spray, Conventional Spray. Roller , Brush recommended.</li> <li>✓ Airless spray : Tip size -0.021 inch to 0.023 inch</li> <li>✓ For Conventional spray a moisture and oil trap in the air supply line, mechanical agitator are recommended</li> </ul>
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%