



# TECHNICAL DATA SHEET

## EPOXY Epoxy Coating

Etepox Solution Ref. ESSB 15/10

### Product Description

**EPOXY** is an polyamide epoxy finishing and intermediate coating. It give excellent and double corrosion protection. It has high content and quality pigments and produce a continuous paint film after dry, cures through wide temperature range, self priming top coat over most existing coatings, resist high humidity, moisture and excellent adhesion protect surface from moisture penetration.

### Typical Uses

**EPOXY** is widely recommended for area where blasting is impractical or impossible, such as:

- i. Industrial facilities bridges, tank exterior.
- ii. Marine weathering, offshore, oil tank, piping, roof and floor.
- iii. Chemical plant, port facilities.

Physical Data			
1.Generic	Polyamide Epoxy	11.Dry film Thickness	50-80 micron
2.Component	2	12.Specific gravity	Approx. 1.30kg/litre
3.Curing Mechanism	Solvent release and chemical reaction between components	13.Theoretical coverage	Approx. 5.50sq.m./litre @ 100 micron
4.Finish	Gloss	14.Drying time	At 30°C Touch dry - 1 hours Hard dry - 8 hours
5.Application	Airless or Conventional Spray, Brush or Roller	15.Pot life	8 hours after mixing at 25°C - 30°C
6.Colors	Wide Range	16.Coats	1 or 2
7.Flash point	Part A - 20°C Part B - 25°C	17.Overcoating Interval	At 21°C Minimum - 8 hours Maximum - unlimited
8.Volume solid	55%	18.Thinner/cleaner	Thinner
9.Mixing ratio	4 part resin (Part A) to 1 part cure (Part B) resin and hardener to be mixed thoroughly prior to application	19.Shelf life	1 year from shipping date when stored indoor at 5°C to 38°C
10.Wet Film Thickness	90-145 micron		

\* Use the above recommendations only as a guide. Variations in the number of coats and /or dry film thickness may be necessary, depending upon service requirements. Such variations will alter the spreading rate and may influence the drying time and recoating interval.

### Surface Preparation

Prior application of **EPOXY**. Light sanding is recommended on preceding coat and ensure surface are free from contaminations and oil stain. Proper surface preparation and application of underlying coats are essential performance.

### **Storage**

The product must be kept in a cool, dry and well ventilated place.

### **Health and Safety**

See Health and Safety section in Data Manual. Note should also be taken of all relevant legislation ruling in individual countries. Consult manufacturer's material safety data sheet (MSDS).

### **Safety Precautions**

*Before use:* Read instructions for use and precautionary labels on container.

*During use:* Avoid contact with skin. Insure good ventilation during use and avoid inhalation of spray mist and fumes. Wear suitable respiratory or face mask. Wear suitable eye protection. Avoid ingestion of paint.

*Storage:* Store away from heat and sources of ignition. Avoid prolonged exposure to vapors.

*Disposal:* Follow local and national regulations.

*Spillage:* Remove all sources of ignition. Avoid prolonged exposure to vapors. Clean up with absorbent materials. Ventilate area. Do not wash into drains.

### **Emergency Treatment**

*Eyes:* Flush immediately with water. Seek medical advice.

*Skin:* Remove contaminated clothing. Use a proprietary skin cleanser. Wash well with soap and water.

*Fire:* Fight fire with foam or dry powder.

*Inhalation:* Remove into fresh air. Loosen collar and avoid excessive exertion.

*Ingestion:* Seek immediate medical advice. **DO NOT** induce vomiting.