

## PAINTCO EPOXY ENAMEL / 2 PACK 6421

### DESCRIPTION

- Paintco Epoxy Enamel / 2 Pack is based on Epoxy and polyamide resins. This coating after curing for 7 days resists effectively the attack of dilute acids, alkalis and water at ambient temperature. corrosion resistance of this paint when applied over Paintco Epoxy Zinc Phosphate Primer / 2 Pack is extraordinarily good.

### PHYSICAL DATA

|                               |   |  |
|-------------------------------|---|--|
| Pigment                       | : | Rutile Titanium dioxide and /or colour pigments.   |
| Appearance                    | : | High gloss, Semi gloss or Flat   |
| Colours                       | : | White and colours  |
| No. of components             | : | Two  |
| Mixing ratio by volume        | : | Base : Hardener<br>4 : 1   |
| Pot life after mixing at 30°C | : | Aprox. 6 hours   |
| Specific gravity              | : | Approx. 1.10 (mixed)   |
| Solids by volume              | : | Approx. 52% (mixed)  |
| Drying time at 30°C           | : | Dust dry : approx. 1 hour<br>Hard dry : approx.12 hours<br>Recoatibility : after 6 hours |
| Flash point                   | : | 26°C   |

### APPLICATION DATA

|                                   |   |   |
|-----------------------------------|---|---|
| Application method                | : | Airless spray, air spray, brush and roller  |
| Airless spray data                | : | Nozzle 0.011, pressure 150kg/ cm <sup>2</sup>   |
| Type of thinner                   | : | No. 477 / 1   |
| Percentage of thinner             | : | Airless spray : 5% max. by volume<br>Air spray : 15% max. by volume<br>Brush & roller : 10% max. by volume. |
| Dry film thickness per coat       | : | 60 microns.   |
| Theor. coverage at 60 microns DFT | : | 8.6 m <sup>2</sup> / litre  |

### SURFACE PREPARATION

- Steel surface should be blasted to Sa. 2.5 or mechanical cleaning to St 2. The surface is to be coated must be clean dry and well prepare to receive the coating

### REMARKS

#### Brush or Air Spray Application

- Apply two coats each at 40 microns dry film thickness of Paintco Epoxy Enamel /2 Pack after application of Paintco Epoxy Primer at 50 microns dry film thickness.

Mixing: Epoxy base is packed in a drum to which 1 gallon hardener should be added and thoroughly mixed. The mixed paint should be allowed to mature for 15 to 20 minutes.

Colours : Such as white, light grey and light green are non-toxic and can be used for coating potable water tanks. For other colours, it is advisable to consult our Technical Department.