

## PAINTCO EPOXY ZINC PHOSPHATE PRIMER / 2 PACK 6447

### DESCRIPTION

- Paintco Epoxy zinc phosphate primer / 2 Pack is an metal primer based on combination of epoxy and polyamide resins with anti-corrosive pigments. It is an Excellent primer for steel, unaffected by exposure to severe environments when recoated with suitable finishes. It is nontoxic, lead free. It is equally Suitable for nonferrous metals like galvanized steel and aluminum.

### PHYSICAL DATA

Anticorrosive Pigments	:	Zinc phosphate with functional extenders.
Pigments	:	titanium dioxide and colour pigments
Appearance	:	matt
Colours	:	white & grey
No. of components	:	Two
Mixing ratio by volume	:	Base : Hardener 4 : 1
Pot life after mixing at 30°C	:	Approx. 6 hours.
Specific gravity	:	Approx. 1.48 (mixed.)
Solids by volume	:	Approx. 58% (mixed)
Drying time at 30°C	:	Dust dry : approx. 1 hours Hard dry : approx. 12 hours Next coat : after 6 hours but within 7 days
Flash point	:	26°C

### APPLICATION DATA

Application method	:	Airless spray, air spray and brush
Airless spray data	:	Nozzle 0.015, Pressure 150 kg / cm <sup>2</sup>
Thinner	:	Thinner No. 477/1
Percentage of thinner	:	Air less spray : 5% max. by volume. Air spray : 20 % max. by volume Brush : 10% max. by volume.
Dry film thickness per coat	:	60 microns.
Theor. coverage at 60 microns DFT	:	9.66m <sup>2</sup> / ltr

### REMARKS

#### Surface Preparation

- Steel surface should be blasted to Sa. 2.5 or mechanical cleaning to St. 2. several coats will be required to obtain a correct dry film thickness when brush is used. For achieving recommended dry film thickness in one coat, airless spray application id desirable.

#### Subsequent coats

- Paintco Epoxy Enamel- 2 pack- 6421 or Paintco Aliphatic Polyurethane Enamel - 2 pack- 6650.