

## PAINTCO ALIPHATIC POLYURETHANE ENAMEL / 2 PACK 6650

### DESCRIPTION

- Paintco Aliphatic Polyurethane Enamel / 2 Pack is a two pack acrylic resin based enamel cured with isocyanate. This product is suitable for primed steel, pretreated non ferrous metals and sealed wood concrete and PVC. Paintco Aliphatic P.U. Enamel / 2 Pack resistant to UV rays for a prolonged period and exhibits excellent gloss and colour retention, film integrity, chemical and abrasion resistance on out door exposure.

### PHYSICAL DATA

Pigments	:	Rutile titanium dioxide and /or color pigments and functional extenders.
Appearance	:	Gloss, Semi gloss or Matt
Colour	:	White and colours
No. of components	:	Two
Mixing ratio by volume	:	Base : Hardener 4 : 1
Pot life after mixing at 30°C	:	8 hours
Specific gravity	:	Approx. 1.12 to 1.35 (mixed.)
Solids by volume	:	Approx. 43% (mixed.)
Drying time at 30°C	:	Dust dry : 4 hours Hard dry : 24 hours Next coat : after 16 hours but within 5 days.
Flash point	:	21°C

### APPLICATION DATA :

Application method	:	Airless spray , air spray or brush
Type of Thinner	:	Spraying thinner 322 Brushing thinner 291
Percentage of thinner	:	Airless spray : 3% max. by volume Air spray : 10% max. by volume Brush : 5% max. by volume.
Recommended DFT per coat	:	30 microns
Theor. coverage at 30 microns DFT	:	14.33m <sup>2</sup> / litre

### REMARKS :

- Not to be applied below 5°C and /or above relative humidity of 80% steel surface is to be sandblasted to Sa 2.5 or mechanical cleaning to St 2 followed by Paintco Epoxy Primer / 2Pack 6444 or Paintco PU Primer / 2Pack 1952.
- Non ferrous surface is to be slightly roughened with sand paper and a coat of Paintco Etch Primer / 2Pack 3255 is to be applied.
- Concrete surfaces to be coated with Paintco Epoxy Sealer / 2 Pack 3993
- Wood surface to be coated with Paintco PU Sanding Sealer
- Paintco aliphatic polyurethane enamel/2pk 6650 is based on industrial chemicals and all possible precautions must be taken during handling. However, the coating after proper cure is non-toxic.