

# CICO POLYCOTE 1100

## Tar Epoxy Based Protective Coating

CICO POLYCOTE-1100 is plasticized coal tar enamel modified with selected epoxy resin. It provides black coloured semi-gloss film for protection of all types of exposed, buried or immersed concrete and steel surfaces. It is supplied as two pack systems Pack A (Base) and Pack B (Hardener) in a pre-measured quantity. These two packs need only mixing before use.

### USES

It is used as high quality protective coating for concrete and metal structure against corrosion from aggressive environments. It is most suitable for tanks above ground or in totally submerged condition such as pipe linings. Particularly useful in sewage works, effluent plants, docks and harbour installations.

### MIXING RATIO

- Provides long term corrosion protection.
- Easily applied in brush or spray.
- High film build up in single application.
- Chemical and abrasion resistant.
- No priming is required in most cases.
- Economical and versatile product.

Reliable – produced under rigid quality control system and quality shall never vary.

### PACKAGING

40 Kg

### HEALTH & SAFETY

Inflammable. Handle carefully. Ensure good ventilation while working with CICO POLYCOTE – 1100. Remove any material which is in contact with skin by soap-detergent.

### APPLICATION DATA

#### Concrete Surface

Surface should be clean, dry, free from loose particles, laitance and previous coatings. This may be achieved by any approved method of surface preparation. Steel : Any rust, mill-scale or any other deposits should be removed from the substrate by grit blasting etc. Galvanised Steel may be tightly blast cleaned and then CICO POLYCOTE – 1100 may be applied.

#### Mixing

Pack A & Pack B are pre-measured quantities and should be mixed thoroughly to a uniform consistency. Mixed material of CICO POLYCOTE – 1100 may be applied by brush or airless equipment. Cleaning: Hardened material should be removed mechanically from tools but soft material may be removed by using suitable solvent.



<b>Colour</b>	Mixed Packs A & B will produce black color.
<b>Mixing Ratio of Pack A &amp; Pack B by weight</b>	1:01
<b>Pot Life of mixed pack</b>	20°C : 3.5 Hours. 35°C : 1.5 Hours.
<b>Drying Time</b>	
<b>Touch Dry</b>	20°C : 3.5 Hours      35°C : 1 Hour.
<b>Fully Cured</b>	20°C : 7 days      35°C : 4 days.
<b>Re-coating Time</b>	20°C : 1 day      35°C : 1 day
<b>Temperature Tolerance</b>	Upto 120°C in air and upto 75°C in water.
<b>Recommended thickness of coating</b>	0.4 mm (dry) in two coats.
<b>Application thickness</b>	0.25 (wet) per coat.
<b>Coverage/Kg. of mixed material</b>	2 to 6 m <sup>2</sup> depending upon surface texture and finish.
	2 to 2.50 Kg/Sq.Mtr. for 1.20 mm film thickness.
<b>Shelf Life</b>	12 months if unopened.
<b>Storage</b>	In a cool dry place

**Important Note:**

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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