### Product Name:

**COAL TAR EPOXY COATING**

### Generic Type:

Polyamide cured Coal Tar Epoxy

### General Description:

A unique heavy duty high build coal tar/epoxy coating. Has excellent resistance to water, salt water and crude oils. Also good resistance to acids and alkalies. Very good abrasion resistance.

### Recommended Uses:

Excellent for lining of storage tanks, tankers, and barges containing or carrying water, salt water or crude oils. Widely used for protection of offshore structures, marine installations and pilings. Ideal for concrete and steel surfaces in sewage treatment plants, paper mills, chemical plants, etc.

### Features/Benefits:

- Water resistant
- Corrosion resistant
- Abrasion resistant
- Chemical resistant

### Limitations of Use:

For acidic conditions use chlorinated rubber.

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**Product Code:**

I 125

**Product Data:**

**Solids Volume:**

76% of mixed material

**Film Thickness (per coat):**

- Wet: 263 microns (10 mils.)
- Dry: 200 microns (8 mils.)

**No. of coats:** 1 or 2

**Coverage (per litre):**

- 1.5 - 2.5 sq. m. @ 200 microns d.f.t.
- 15 - 25 sq. ft. @ 8 mils. d.f.t.

**Colour:** Black  
**Gloss:** Glossy

**Mixing Ratio:**

Base 8 parts (by volume) Catalyst 1 part (by volume) as supplied per 2-pack unit Thin up to 50 ml. Kaleidoscope Thinner 2005 per 4-litre of mixture

**Pot Life:**

- 6 - 8hrs @ 25°C (77°F)
- 2 - 4hrs. @ 30°C (86°F)
- 1 - 2hrs. @ 35°C (95°F)

**Drying Time:**

- Touch Dry: 2 - 3 hrs.
- Re-Coat: 6 hrs.
- Hard Dry: 24 hrs.
- Final Cure: 3 days

**Thinner/Cleaner:**

Spray Kaleidoscope Thinner 2005  
Cleaner Kaleidoscope Thinner 2003

**Flash Point:**

Base: 34°C (94°F)  
Catalyst: 23°C (77°F)

Doc No/Rev No./Rev Date: 09/01/2011
General Surface Preparation:

**Steel:**
- a. Non-immersion - Abrasive blast to Commercial Finish, SSPC-SP-6
- b. Immersion - Abrasive blast to Near White Finish, SSPC-SP-10.
- c. Then apply 1 coat Kaleidoscope Universal Metal Primer.

**Concrete:**
Acid etch the surface with 10% muriatic acid solution, applied at 1 litre to 5 sq.m. (55 sq.ft.) for 10-15 mins. Rinse with clean water and allow to dry out.

**Suggested Primer:**
(Optional) Catalysed epoxy metal primers may be used with good result if so desired. This practice is recommended when coated equipment is to be subjected to cathodic protection terminals of one volt or more, or when blasting and priming are expected to project over a period of five days or more.

**Applicable Information:**
Using airless spray equipment with 0.020" - 0.025" tip at 138 bars (2000 psi), apply to:

- **Primed areas & Concrete** - 2 coats Kaleidoscope Coal Tar Epoxy
- **Previously painted** - 1 coat Kaleidoscope Coal Tar Epoxy