



# BERGER Protecton PROTECTIVE COATINGS

## Epilux 5 Coal Tar Epoxy

### USES

An ideal coating for protection of sluice and barrage gates, caissons, hydel penstocks, pipelines, storage tanks and structural steel work in fertilizer, chemical, refineries and coastal installations.

### SCOPE

A two pack epoxy tar coating having excellent water and alkali resistance. This is suitable for protection of steel in conjunction with cathodic protection systems. It withstands back-filling material and is not affected by alkalinity or sulphates in soil water.

### PRODUCT DATA

**Type :** Two pack, cured with Polyamide

**Composition :** Epoxy coal tar suitably pigmented

**Mixing Ratio :** Base : Catalyst – 3 : 1 by volume

**Pot Life :** 4–6 hours

**Application :** Brush or Airless Spray

**Recommended DFT :** 80–100 microns per coat

**Corresponding WFT :** 118–147 microns per coat

**Theoretical Spreading Rate :** 6.8–8.5 Sq. Mtr./Ltr.

**Drying Time :**

TOUCH	: 4 hours
HANDLE	: 12–16 hours
HARD	: 24 hours

**Curing Time :** 7 days

**Overcoating Interval :**

MIN	: 24 hours
MAX	: 5 days

**Flash Point :** Above 22° C

**Colour :** Black and Brown

**Finish :** Semi-glossy

**Packing :** 20 Ltrs.

**Thinner/Cleaner :** Thinner 844

**Storage Life :** Upto twelve months as long as the sealed containers are kept under cover in a dry place under normal temperature conditions.

### RESISTANCE GUIDE

**Chemical Resistance :**

EXPOSURES	SPLASH & SPILLAGE	MILD FUMES / OUTDOOR RESISTANCE
Acids	Good	Good
Alkalis	Good	Good
Solvents	Poor	Poor
Salt	Good	Good
Water	Excellent	Excellent

**Note :** The product is suitable for sustained immersion in salt and sea water

**Temperature Resistance :**

Continuous	: 93° C
Intermittent	: 120° C

**Weatherability :** Fair (Chalks)

**Flexibility :** Fair

**Abrasion Resistance :** Good

**DATA SHEET No. :** 060

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