

BERGER EPILUX 5 POLYAMIDE CURED COALTAR EPOXY

PRODUCT SCOPE

Berger Epilux 5 Polyimide Cured Epoxy blended with Coaltar Pitch is a high performance product with outstanding resistance to fresh and salt waters: particularly recommended for the protection of steel/concrete pipelines, harbor and shore installations, dock gates, sewage plants and water-proofing of concrete. Berger Epilux 5 Coaltar Epoxy conforms to BS-5493 Specifications.

PRODUCT COMPOSITION

Berger Epilux 5 Polyamide Cured Coaltar Epoxy coating is composed of epoxy resin blended with Coaltar Pitch and cured with Polyamide Hardener which makes the product tough and corrosion, solvent, moisture and chemical resistant with excellent adhesion to the substrate.

TECHNICAL INFORMATION

Type of Product	Two Pack-Cold Cured
Priming Coat	Different Types (According to Specification)
Pack Viscosity	Thicksotropic
Gloss	Low to Matt Sheen
Color	Black
Volume Solids	55 ~ 59%
Xylene Rub	20 Rubs
Alkali Resistance	Good
Salt Resistance	Excellent
Water Resistance	Excellent
Solvents Resistance	Excellent
Abrasion Resistance	Good
Mixing Ratio	3 Parts Base : 1 Part Hardener (v/v)
Pot Life (After Mixing)	6 Hours @ 15 °C

APPLICATION INFORMATION

Application Method	Airless Spray, Brush, Roller
Application Viscosity	Depends on Method of Application
Solvent / Cleaner	Berger Epoxy Thinner
Covering Capacity	4.5~4.8 m ² /Litre @ 125 µm DFT (Assuming no loss)
Number of Coats	Recommended 2 Coats
Dry Film Thickness	125 ± 5 µm / Coat (With Airless Spray)
Drying Time	Touch Dry: 02 Hours @ 25 °C Dry to Handle: 04 ~ 06 Hours Minimum Recoating Time: 16 Hours Minimum @25 °C Full Cure: 07 Days @ 15 °C
Surface Preparation	Sa 2.5 ~ Sa 3.0
Airless Spray Gun Specifications	Tip/Nozzle Size: 0.48 ~ 0.58 mm
	Tip Pressure: 110 ~ 160 Kg/cm ²
Temperature and Humidity Specifications	Do not Apply when RH Exceeds 90% and Temperature falls below 5 °C

SURFACE PREPARATION

- Surface must be free from dust, dirt, oil, grease, rust and any loose, flaking matter.
- Degrease the surface with Epoxy Thinner.
- For Ferrous metals, either the use of Epilux 610, Epilux 78 or Epilux 66 Primer (according to need of the substrate and working environment) is recommended.
- For Non-Ferrous metals, first apply a thin coat of 2-Pack Wash Primer and then apply one coat of any Epilux 78 Primer prior to application of Epilux 5 CoalTar Epoxy.

STORAGE AND HANDLING PRECAUTIONS

- Keep away from heat and spark sources.
- Keep under shed, away from direct sunlight.
- Keep the containers closed in storage.
- Never breath the dust, mist, gas, and vapors from the container.
- Do not apply during rain/fog/mist/wind or when the temperature is below 5 °C or above 40 °C.
- Use the paint in ventilation.
- Store below 30 °C for best performance.
- As long as container is firmly sealed and stored under recommended storage conditions, product can be used within 12 months of manufacturing date.

FIRST AID

In Case of Eye Splashes

- Wash with plenty of flowing cold water.
- Immediately consult the physician.

In Case of Inhalation (If the person feels dizziness or unconsciousness)

- Remove the person to open fresh air area.
- Provide artificial breathing if needed.
- Consult a doctor.

In Case of Ingestion

- Drink plenty of water or milk.
- Do not induce vomiting.
- Consult a doctor.

In Case of Skin Contact (If Irritation is felt)

- Wash with plenty of water and soap.
- Consult a doctor if irritation continues.

SPILLAGE HANDLING

- Do not wipe the place with solvent.
- Use wood sawdust and sand and thoroughly spread on the spilled paint.
- Gather the mixture, store in some waste drum and dispose off according to local environment regulations.
- Never throw out the paint in open garbage areas where fire is a norm.