

EPIlux 200 POLYAMIDE CURED COALTAR EPOXY

PRODUCT SCOPE

Berger Epilux 200 Polyamide Cured Epoxy blended with Coaltar Pitch is high build coating for the protection of steel and concrete in some of the most severe conditions of fresh water, salt water and a wide range of Chemicals. Epilux 200 Coaltar Epoxy is suitable for dams, bridges, barrages, chemical works, fertilizers, marine installations, fuel storage tanks, underground pipes, etc. Berger Coaltar Epoxy Epilux 200 conforms to CS-200 specifications. The product gives excellent resistance against both fresh water as well as salt water.

PRODUCT COMPOSITION

Berger Epilux 200 Polyamide Cured High Build Coaltar Epoxy 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

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| Type of Product | Two Pack-Cold Cured |
| Priming Coat | Different Types (According to Specification) |
| Pack Viscosity | Thicksotropic |
| Gloss | Low to Matt Sheen |
| Color | Black & Brown |
| Flash Point | >23 °C |
| Volume Solids | 66~72% |
| Non-Volatile Matter | 76~82% |
| 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) | 6~8 Hours @ 15 °C |

APPLICATION INFORMATION

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| Application Method | Airless Spray, Brush, Roller |
| Application Viscosity | Depends on Method of Application |
| Solvent / Cleaner | Berger Epoxy Thinner |
| Covering Capacity | 3.8~4.0 m ² /Litre/Coat @ 140 µm DFT |
| Number of Coats | Recommended Two Coats |
| Dry Film Thickness | 130 ± 5 µm/Coat (With Airless Spray) |
| Drying Time | Touch Dry: 2 Hours @ 15 °C |
| | Dry To Handle: 4~6 Hours Minimum |
| | Recoating Time: 16 Hours Minimum, 5 Days Maximum |
| | Full Cure: 07 Days @ 15 °C |
| Surface Specifications | 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 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 Epilux 78 Primer prior to application of Epilux 200 High Build 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, 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 saw dust 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.

SAFETY AND PRECAUTIONS

- Avoid prolonged and repeated contact with skin.
- Avoid prolonged inhalation.
- Never try to ingest the product.
- Always use safety items, goggles, mask, gloves, apron for personal safety.
- Do not use the product in congested or poor ventilated areas.