Power Poxy Coal Tar

Epoxy-based paint modified with bitumen for iron, concrete, and sanitary works.

Description: -

Highly efficient multi-function bitumen-modified epoxy coating for the protection of iron and concrete, based on epoxy resin containing solvents in the form of two compounds.

Usage: -

- Used for painting and lining oil tanks, as well as tanks for diluted acids and alkalis.
- Used for protecting road structures, bridges, and the foundations of concrete structures.
- Used for painting tanks and pipes buried underground or submerged in water, serving as a protective layer for concrete structures buried below ground level.
- Used for painting the bottom of ships and marine vehicles both internally and externally.
- used for painting the undersides of cars and vehicles to protect them from rust and corrosion.
- Used for protecting reinforcement iron from rust and corrosion.

- used for painting building foundations of all types, as well as insulating basements and traffic tunnels.
- Used for drinking water and sewage projects to isolate and protect sewage projects.
- Used as an insulation and protective layer for industrial floors such as garage floors, slopes, and loading areas.
- Applicability in various temperature ranges.

Advantages: -

- Does not require a primer or initial coat due to its high adhesion strength on various surfaces.
- Distinguish by its high resistance to friction and corrosion factors.
- Distinguish by its high resistance to salts and moisture underground.
- Distinguish by its resistance to harmful weather conditions and environmental impacts.
- Distinguish by its high ability to resist rust and corrosion.
- Distinguish by its high resistance to chemicals, acids, and alkalis.
- Works to extend the expected lifespan of concrete and iron structures, providing long-term protection.

Characteristics: At 25°

color	**Black – Dark Brown**
Solid content ratio by weight A to B.	
Mixing ratio by weight A to B.	
Operating period	Average 3 hours
Initial setting time	120 : 150 minutes
Final setting time	24 hours
Full hardness	7 days
Min. application temperature	5 degrees
Density kg/liter	
Thinning solvent	Power solve 2 if necessary
Rate of use	Average 250 : 275 gm / m^2 1 coat (100 µ) varying with the surface condition.

Application instructions: -

Substrate preparation: -

- The substrate must be cleaned well, and free from dust, oils, grease, and petroleum substances.

Mixing: -

- Stir compound [A], then add the entire content of compound [B] and mix the mixture well using a slow-speed mechanical mixer (300 RPM) until homogeneity.
- If the mixture needs thinning, it is gradually thinned with Power Solve 2, at our factory until reaching the desired and most suitable consistency for application.

Apply: -

- Apply the product using a brush, an epoxy roller, or an air spray gun.
- At least 12 hours must be elapsed before painting a second coat.
- The used tools should be washed immediately after completion with the cleaning solvent Power Solve 1.
- The product should be applied in a well-ventilated area.

Safety precautions: -

- The product should be applied in a well-ventilated area.
- Gloves, protective clothing, and eye goggles should be worn during application.
- Never eat, drink, or smoke during application.
- In case of skin contamination, wash the contaminated area with water and soap.
- In case of eye contamination, immediately wash with abundant lukewarm water and consult a doctor immediately.
- Avoid spilling residues of the product into any watercourse or soil.
- Dispose of product residues or empty containers according to local environmental regulations.

Packages: -

A set of compounds [A + B], group capacity [1, 3, 15 kg].

Storage: -

The product should be stored for two years in tightly sealed containers and under appropriate storage conditions.

For more information or inquiries, Visit our website.

Power-cp.net

Disclaimer: The technical data provided herein is accurate and correct as of the publication date and is subject to change without prior notice. The information in this datasheet is not exhaustive. Application conditions should comply with those mentioned in this datasheet. The company is not responsible for any losses resulting from application under differing conditions.

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