

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, please contact the technical department.