

2803 Epoxy Coal Tar [3:1]

General Description:

EPOXY COAL TAR is a solvent containing tar extended epoxy, formulated to resist water absorption, mild acids, alkali, solvents and other corrosion elements. It gives excellent adhesion and waterproofing protection of concrete, steel exposed to a corrosive atmosphere.

Major Uses:	Advantages:
Storage tanks.	Flexible
Pipelines (interior and exterior)	Chemical resistant
Processing Equipment.	Abrasion-resistant
Tidal zone areas (fresh and saltwater)	Impact-resistant
Sewage tanks.	Resistant to dimensional changes (No chipping, peeling or flaking)

Characteristics and Physical Properties:

Colour	Black
Mixing Ratio	4 : 1
Volume Solids %	64%
Pot Life	6 hrs
Application	By Brush, Roller, Spray
Dft	100 – 150 microns/coat
Coverage	3 – 5 m ² /lt
Specific Gravity	1.3 kg/lt
Drying Time @25C	
Dust-Free	3 – 6 hrs
Initial Hardness	12 – 24 Hours
Fully Cured	7 days
Overcoating interval	Overnight 3 – 5 days (max)

Surface Preparation:

Concrete:

The surface must be structurally sound, clean dry and free from foreign matter. Remove curing compounds form oil, salts, laitance and other contaminants. Wash with multi – each solution and thoroughly rinse with water. Concrete should be clean and dry before coating.

Steel:

The surface should be sandblasted to a commercial grade. When the surfaces are to be subjected to severe conditions, blasting to a near white grade is recommended.

Mixing and Application:

EPOXY COAL TAR can be applied by brush, roller, airless, or air type spray. Airless spray is preferable since pinholing and overspray are minimized. For best results, use two coats 100 microns each coat. The first coat should be tack free before the second coat is applied. Tack free times increase with thicker films. In any event, not more than 24 hours should be allowed between coats. If necessary, EPOXY COAL TAR can be thinned with no more than 5 per cent of Epoxy thinner or commercial thinners such as xylene.



TARA PAINTS & CHEMICALS

(An ISO 9001:2015 Certified Company)

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Method of Application: By brush, roller airless and Conventional Spray

Spray Data

Conventional Spray	Airless Spray
Nozzle Oriface : 2 – 3 mm	Nozzle Oriface: 0.38 – 0.46 mm
Nozzle Pressure: 43 – 57 psi	Nozzle Pressure: 1138 - 1710 psi
Dilution : 5 - 10 %	Dilution : 0 – 5 %
Thinner: Epoxy Thinner	Thinner: Epoxy Thinner

Storage:

EPOXY COAL TAR should be kept in a cool place below 25°C. Shelf life is 12 months minimum in a tightly closed container.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Taralac Epoxy Thinner as soon as possible.

Packing:

Available in 1lt, 4 lt and 20 lt set.

Physiological Hazards:

Keep Resin and Hardener away from eyes and skin contact. Good ventilation should be provided particularly in closed work areas. Keep uncured epoxy materials away from the mouth, food or drink, do not use empty tins to store food and do not empty cans into drains. Always wear gloves and safety materials when handling this product. Clean any splashes or smears from the skin immediately, using warm water and soap. Avoid inhaling the vapor.

