



EPOXY COAL TAR # 150

General Description:

EPOXY COAL TAR # 150 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 corrosive atmosphere.

Major Uses:

- Storage tanks.
- Pipelines (interior and exterior)
- Processing Equipment.
- Tidal zone areas (fresh and salt water)
- Sewage tanks.

Advantages:

- Flexible
- Chemical resistant
- Abrasion resistant
- Impact resistant
- Resistant to dimensional changes (No chipping, peeling or flaking)

Characteristics and Physical Properties:

Color	Black
Mixing Ratio	3 : 1
Volume Solids %	57%
Pot Life	6 hrs.
Application	By brush, roller, spray.
Dft.	100 – 150 microns / coat.
Coverage	3 – 5 m ² / lit.
Specific Gravity	1.3 kg. / lit.
Drying Time @ 25 ⁰ C	
Dust Free	5 – 6 hrs.
Initial Hardness	8 – 10 hrs.
Fully Cured	7 days.
Overcoating interval	Overnight (min.) 3 – 5 Days (max.)

Surface Preparation:

Concrete:

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 – etch sol'n and thoroughly rinse with water. Concrete should be clean and dry before coating.

Steel:

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 # 150 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 # 150 can be thinned with no more than 5 percent of Epoxy thinner or commercial thinners such as xylene.

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

Spray Data	
Conventional Spray	
Nozzle Orifice	2 – 3mm.
Nozzle Pressure	43 – 57 psi.
Dilution	5 – 10 %
Thinner	# 135
Airless	
Nozzle Orifice	0.38 – 0.46 mm.
Nozzle Pressure	1138 - 1710 psi.
Dilution	0 - 5%
Thinner	#135

Storage:

EPOXY COAL TAR # 150 should be kept in cool place below 25⁰C. Shelf life of 12 months minimum in a tightly close container.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Epoxy Thinner # 135 as soon as possible.

Packing:

Available in 4 lit. set and 20 lit. 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 vapor.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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