



TARA PAINTS & CHEMICALS

(An ISO 9001:2015 Certified Company)

A - 423 / 14, Mahagujarat Industrial Estate, Sarkhej - Bavla Road, Lane Behind Satyam Arcade,
Village : Moraiya, Ahmedabad - 382 210, Gujarat (India)

Tel: (F): +91 8000011774, E-mail: taralac@hotmail.com , taralac@taralac.com Website: www.taralac.com

EPOXY MASTIC PAINT

General Description:

EPOXY MASTIC is a high solid epoxy epoxy, formulated & designed to be self primed, resist water absorption, high humidity, mild acids, alkali, solvents and other corrosion elements. It gives excellent adhesion and waterproofing protection of concrete, steel exposed to corrosive atmosphere.

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

Characteristics and Physical Properties:

Color	Black, Grey, Red
Mixing Ratio	3 : 1
Volume Solids %	60% ± 5%
Pot Life	6 hrs
Application	By Brush, Roller, Spray
Dft	100 – 200 microns/coat
Coverage	5 – 8 m ² /lt
Specific Gravity	1.3 kg/lt
Drying Time @25C	5 – 6 hrs
Dust Free	5 – 6 hrs
Initial Hardness	8 – 10 hrs
Fully Cured	7 days
Overcoating interval	Overnight 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.

All the information given here are as per the results obtained in laboratory & are given in good faith to guide the user but without any warranty, the actual application results might vary depending on the conditions. We are not responsible for any loss, injury or damage resulting from the use of this information

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Mixing and Application:

EPOXY MASTIC 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 MASTIC can be thinned Epoxy thinner.

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 MASTIC should be kept in cool place below 25°C. 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 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 vapor.