



Coat MIO

Two Component Polyamide Epoxy Intermediate Anti Corrosive Coat

Pack Size
21.5Kgs

TDS
Technical Data Sheet



Description

Coat MIO is a two-pack polyamide-cured coating pigmented with micaceous iron oxide. It offers excellent resistance against abrasion and impact. Once cured, Coat MIO provides an exceptional barrier against water and water vapor penetration. It can be used as a primer or an intermediate coat.

Advantages

- Easy to apply.
- Economical.

Application

Protection of steel structures in aggressive coastal and industrial atmospheres. Ship loaders. Hoppers, conveyors, silos, storage tanks, pipelines, and general steel structures in fertilizer plants, refineries, petrochemicals, chemical plants, and engineering industries.

Application Methodology

For new steel surfaces, blast clean to a surface profile not exceeding 65 microns. For old steel surfaces, blast clean or use mechanical tools, manual chipping, and wire brushing to remove loose rust. Avoid excessive burnishing of steel. Thoroughly dust down the surfaces and remove grease, oil, and other contaminants using AC thinner.

Apply Coat MIO on a touch-dry cleaned and primed steel surface. Stir Comp A and Comp B separately. If settling is observed in Comp A, loosen the settled material with a hand stirrer followed by a power-driven stirrer for quick homogeneous mixing. Mix the hardener gradually into the base under continuous stirring until a homogeneous mix is achieved. Apply the mixed material by brush or roller.

Characteristics

Pot Life at 30°C	10-15 minutes
Over-coating Interval	Minimum - 24 hours, Maximum - 7 days
Theoretical Coverage	4.5-5.0 m ² /L
Application Temperature	>10°C but <50°C
Finish	Matt
Dry Film Thickness	75-100 microns

Drying Time	Touch dry - 4-6 hours, Full cure - 7 days
Mixing Ratio	100:7.5 by weight
Flash Point	>40°C
Compatibility	Can be top-coated with Epoxy or Polyurethane

Safety

- Use a mask, nose cover, and hand gloves during application.
- Clean hands with soap and water after application.
- Ensure adequate ventilation and avoid inhalation of vapors, as some people are sensitive to resins, hardeners, and solvents.
- Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of clean water, cleanse with soap and lukewarm water, and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of swallowing, seek medical attention immediately. Do not induce vomiting.

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21.5Kgs



Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.