



PolyPoxy 2K MIO

Two Component Polyamide Intermediate Anti Corrosive Coating

DESCRIPTION

PolyPoxy 2K MIO is a two pack polyamide cured coating, pigmented with micaceous iron oxide. PolyPoxy 2K MIO offers good resistance against abrasion and impact. When cured, PolyPoxy 2K MIO coating provides an excellent barrier against penetration of water vapour. PolyPoxy 2K MIO can be used as primer or intermediate coat.

TECHNICAL DATA

Pot Life at 30 °C	4 -6 hrs	DFT	75 – 100 μ
Theoretical Coverage, L/m ²	4.50 – 5.00	Flash Point	> 40 °C
Over coating interval Minimum	24 hrs	Drying Time Touch Dry	4 – 6 hrs
Maximum	7 days	Full Cure	7 days
Compatibility	Can be top coated with Epoxy & Polyurethane	Finish	Matt
		Application Temp	> 10 - < 45 °C

APPLICATIONS

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

ADVANTAGES

- Excellent weatherability with suitable top coat
- Good abrasion resistance

APPLICATION METHODOLOGY

- In case of new steel surface, blast clean to a minimum surface profile not exceeding 65μ
- In case of old steel surface, blast clean and if blast cleaning is not practical, use mechanical tools along with manual chipping and wire brushing to remove loose rust. Excessive burnishing of steel is to be avoided. Thoroughly dust down the surfaces. Remove greases, oil and other contaminants preferably by using Polygon Thinner.



- Apply PolyPoxy 2K MIO on touch dry cleaned and primed steel surface
- Stir the Component A and Component B separately. If setting is observed in the Component A, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring.
- Continue mixing till a homogeneous mix is achieved
- Apply mixed material by brush or roller

HEALTH AND SAFETY

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

PACKAGING

Available in 20 Litre pack.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 12 months.