

ShaliProtek[®] 2E MIO 60

2K Polyamide Epoxy Intermediate Anti-Corrosive Coat



STP Limited

Description

ShaliProtek[®] 2E MIO 60 is a two component, high build polyamide cured coating, pigmented with micaceous iron oxide.

ShaliProtek[®] 2E MIO 60 offers good resistance against abrasion and impact, when cured, and provides an excellent barrier against penetration of water and water vapour.

ShaliProtek[®] 2E MIO 60 can be used as primer or intermediate coat.

Characteristics – Physical

Colour	Brown/Grey#	DFT, micron*	100 – 150
Pot Life, 30 °C, hrs	4 - 6	Application	Airless spray /Brush
Over coating interval		Drying Time	
• Minimum, hrs	12	• Touch dry, hrs	4 - 6
• Maximum, Days	7	• Full Cure, Days	7
Theoretical Coverage*, m ² / L	5 ± 1	Flash Point, °C	> 25
Application temperature, °C	> 10 to < 50	Volume solid, %	60 ± 3
Finish	Matt	Compatibility	Can be top coated with Epoxy, Polyurethane

* Depending upon surface condition. # Grey Colour contents TiO₂ as one of the pigment.

Application

- Protection of steel structures in aggressive coastal & 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

- Easy to Apply.
- Economical.

Application Methodology

➤ Surface Preparation

- Remove dust, flakes, or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before application.
- In case of new steel structure, blast clean to a minimum surface profile not exceeding 65 microns. Whereas in case of old steel structure, where blasting is not practical, use mechanical tools along with manual chipping and wire brushing to remove loose rust.
- Avoid excessive burnishing of steel.
- Thoroughly dust down the surfaces by hot air.

➤ Material Preparation

- Mix Component A (Resin) thoroughly by using speed drill mixer with a spiral type blade at the bottom of stirrer rod at speed of 350 - 400 rpm, till homogeneous mix is obtained. Then add component B (Hardener) slowly, mix with the stirrer till homogenous mixture is obtained.
- After stirring, wait for 10 – 15 minutes in order to let entrapped air escape.

➤ Application of Material

- Apply **ShaliProtek® 2E MIO 60** on prepared surface by brush / spray.
- Allow it to dry.
- For airless spray application, use nozzle no 27 thou and filter mesh size 30 with tip pressure 110 – 160 kg / m².

Cleaning

Clean all tools immediately after use with **STP Thinner**. Do not allow material to harden.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

Packing

Available in 20 L unit pack.

Storage

Store in a cool dry place, under shed, away from heat.

Shelf Life

12 months in original unopened sealed conditions.



STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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