

FIBPOXY - MIO

Epoxy MIO Intermediate Coat

DESCRIPTION

Fibpoxy MIO is a two component polyamide cured epoxy based micaceous iron oxide pigmented intermediate coat.

AREAS OF APPLICATION

Suitable for protection of steel structures in aggressive coastal & industrial atmosphere. Applications include ship loaders, hopper conveyors, silos, storage tanks, pipelines and general structures in fertilizer plants, refineries, petrochemicals, chemical plants, engineering industries, etc.

APPLICATION DETAILS

Pot Life	:	4 - 6 hrs at 30°C
Thinner	:	As recommended
Recommended DFT	:	75 - 100 microns
Overcoating interval	:	Min. - 24 hrs Max. - 7 days
Compatibility	:	Can be top coated with Epoxy, Polyurethane, C.R. Top coats

APPLICATION METHODOLOGY

New Steel: Blast clean to a minimum surface profile not exceeding 65 microns

Old Steel (Maintenance) :

If blasting 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 grease, oil and other contaminants Preferably by using Fibrex thinner. Best results can be achieved if the cleaned surface is primed with Fibrex Fibzinc primer before coating with inter mediate coat of Fibpoxy MIO. The surface should be cleaned and dried before application of Fibpoxy MIO.

MIXING

Mix hardener Part with Base Part by drill mixer to get a uniform color and add approximately 3% of MIO thinner (if required) to the mixed material and mix thoroughly for another two minutes.

APPLICATION

By brush/airless spray

TECHNICAL SPECIFICATIONS

Colour	:	Brown
Finish	:	Matt
Theoretical Spreading Rate	:	8-9 m ² /litre At recommended DFT on smooth and non-absorbent surface.



Flash Point : Above 40oC
Drying Characteristics : Dry to touch - 4 - 6 hrs
Dry to handle - Overnight
Fully cured - 7 days
Shelf life : 6 months (of individual component)
-stored under Proper condition.

FILM PROPERTY

Weatherability : Excellent with suitable topcoat
Flexibility : Moderate
Abrasion Resistance : Good.

PRECAUTIONS

- Do not apply when temperature falls below 10oC or rises above 50oC and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
- Brushes and spray equipment should be cleaned with our Thinner otherwise equipment is liable to be damaged.

PACKAGING

5&20 Kg Pack.

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