



DESCRIPTION

A two components polyamide cured epoxy coating reinforce with micaceous iron oxide designed for application on structural steel and concrete surface. It is utilized as an intermediate or finish in epoxy system. It is high abrasion resistance and excellent water impermeability and can be over coated even after month of exposure.

TYPICAL USES

Recommended as a intermediate coat for protection of concrete and structural steel in aggressive coastal and industrial atmosphere. It is also use pipelines in fertilizer, Chemical, refineries, petrochemicals plant, storage tanks, paper mill plants and waste treatment plants.

SURFACE PREPARATION

Coating performance, in general is proportional to the degree of surface preparation. Surface must be clean, dry and free of all contaminants. Blast clean to a minimum of Sa2 ½ Swedish Standard SIS 05 5900. For severe corrosive condition, blast to Sa3 with a surface profile not exceeding 65 microns. Special care must be taken on weld areas to remove flux and spatter.

APPLICATION

Stir base thoroughly and then mix four (4) parts base and one parts catalyst by volume to uniform consistency .allow the mixture to maturation for 30 minutes and stir again before application and occasionally during use.

Brush/Roller : Apply without thinning. However, if required during application add up to 5% epoxy thinner.

Airless Spray : Apply without thinning. However, if required during applications add up to 5% epoxy thinner. Use any standard equipment

NOTES

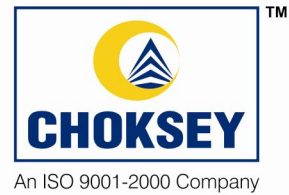
1. Use off the mixed paint within the stipulated pot life period.
2. Do not apply when temperature falls below 10°C or raise above 50°C and when relative humidity raise above 90%.Do not apply during rain, fog and mist.

BASIC SAFETY MEASURE

1. Avoid direct contact of skin and eyes with liquid paint and thinner .In case of contamination, rinse with fresh running water and seek medical help at once.
2. Provide adequate ventilation in confined spaced.

■ MASTERCOAT MIO

HIGH BUILD MIO COATING



3. As paint contains inflammable material, keep away from sparks and open flames. No smoking should be permitted in the area.

PRODUCT DATA

Mixing Ratio	: Base 4 parts by volume and Curing agent 1 parts by volume
Application	: Airless spray/ Brush/roller
Volume solid	: 63 %
Recommended DFT	: 75-100 microns per coat
Theoretical spreading rate	
75-100 microns DFT	: 6.3 -8.4 Sq.Mtr/Ltr.
Surface Dry	: 2-3 hrs
Hard Dry	: Over night
Fully cure	: 7 days
Colour	: Brown
Finish	: Matt
Overcoat Interval (min)	: Over night
(Max)	: Indefinite days
Flash Point	: Above 22°C
Pot Life	: 4-6 hrs at 30°C
Packing	: 4 Ltr & 20 Ltr.
Thinner/ Cleaner	: Epoxy thinner
Storage life	: 12 months as long as the sealed containers kept under dry and cool place under normal temperature conditions