

INTERMEDIATE MIO Epoxy | E-600

MIO Middle Coat is a Romulo epoxy paint based on epoxy resin and polyamide hardener, which is catalyzed by iron oxide. It is used as an intermediate or primer layer and can play a significant role in protecting metal surfaces. This paint has relative resistance to moisture, water, alkaline, and acidic environments, so it requires a suitable topcoat for complete protection according to environmental conditions.



Physical And Chemical Specs

Volume percentage of solids	100% VS
No. of components	2
Hue	Unlimited
Physical Form	Thick Liquid
Density	1.44±0.1gr/cm ³
Glossiness	Glossy
Paint Coverage	3.3 m ² /Lit
Surface Drying Time	4 hours
Full Drying Time	4 Days
Deep Drying Time	18-24 hours
Mix Percentage with Thinner	0 %
Impermeability	100 %
Application Temp	10-40 C

Packaging 25 KG

Specifications :

- Suitable adhesion to the substrate
- Ability to be applied in high thicknesses
- Creating appropriate thickness for systems with high thicknesses
- Suitable resistance to abrasive and mechanical factors
- Suitable resistance to corrosive factors due to the use of epoxy resin and polyamide hardener for severe weather conditions and all industrial environments

High corrosion resistance due to the inhibitory effect of MIO pigments on rapid penetration

Moisture and corrosive factors to the underlying layer

Applications:

- Can be used as an intermediate cover for various metal structures such as bridges, industrial warehouses, pipelines, and submerged equipment in water. Also suitable for all metal structures in coastal and offshore areas.

How to use:

Surface preparation: The minimum cleanliness level of the desired surface is based on the Swedish standard SA3 . SA 2½ .ISO 8501-1 . Additionally, the minimum amount of profile (roughness) is 40 microns. The surface should be free from any contamination such as dust, dirt, oil, grease, etc. If the intermediate layer has been applied for more than X hours, the desired surface should be cleaned again after the specified time.

Application method: To apply this color, you can use the following devices: Air spray gun / pressure 3-4 atmospheres / nozzle diameter 2-2.2 millimeters Airless spray gun / pressure 6-7 atmospheres / nozzle diameter 0.017-0.019 millimeters - Electric or pneumatic mixer or brush (for small surfaces).

Usage method: First, mix the two components separately, then add the hardener (component A) according to the mixing ratio indicated on the label and mix until uniform. After 10 minutes, add the thinner (component B) depending on the spraying method and mix until uniform and ready for use. Considering the product's shelf life, mix the amount of color that can be used during this time.

Packaging

Intermediate MIO Epoxy E- 600 is produced and supplied in 25-kilogram buckets.

Storage

The suitable temperature for storing the Polyamine Epoxy Solvent Free E- 700 product is in 4 - 50 degrees Celsius. The useful life of this product is 12 months, provided that it is stored in a main container, away from moisture, freezing, extreme heat, and direct sunlight.

Safety

To ensure safety, it is advised to avoid direct contact with the eyes and skin. It is recommended to wear gloves and protective glasses when handling the product. In the event of accidental contact with the eyes, it is crucial to immediately rinse them with lukewarm water for a minimum of 15 minutes.

! The suitable temperature for painting should be between 10-40 degrees Celsius. The surface temperature during painting should be at least 3 degrees Celsius above the dew point to prevent moisture accumulation, and the humidity should be maximum 80% at the surface. The working area should be free from ice and moisture.

E- 600

EPOXY PAINT
Industrial coating

CERTIFICATES

ISO 9001 : 2015

ISO 45001 : 2018

ISO 10002 : 2018

ISO 10668 : 2010

ISO 10004 : 2018

ISO 14001 : 2015

CE CERTIFICATE

IMS CERTIFICATE

HSE - MS CERTIFICATE



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