

## EPOXY PAINT Industrial Coating | **E-500**

The color of Romolo epoxy coating is a product based on epoxy resin and polyamide hardener. It has high adhesion and resistance to chemicals and solvents, high resistance to water and humid conditions, and high abrasion and impact resistance are the advantages of this color. Due to its lack of resistance to UV, it is not recommended to use this color as a topcoat and expose it to direct sunlight.



### Physical And Chemical Specs

Volume percentage of solids	65 ± 5 % VS
Hue	Unlimited
Physical Form	Thick Liquid
Density	0.99±0.1gr/cm <sup>3</sup>
Glossiness	70°
Paint Coverage	12.2 m <sup>2</sup> /Lit
Surface Drying Time	4-6 hours
Full Drying Time	7 Days
Deep Drying Time	18-24 hours
Mix Percentage with Thinner	5-20 %
Impermeability	100 %
Application Temp	10-40 C

**Packaging** 20 KG

### Specifications :

- Excellent resistance to medium color
- Excellent resistance to corrosion
- Excellent resistance to impact and bending
- Excellent resistance to various weather conditions
- Excellent resistance to alkaline and acidic substances
- Excellent resistance to water and chemicals

### Applications:

- Surface coatings used in the oil industry
- Surface coatings used in the gas industry
- Protective coatings for metal structures such as bridges
- Protective coatings for metal structures in the petrochemical industry

Protective coatings for metal structures in industrial warehouses  
Types of concrete structures that are not exposed to direct sunlight

Steel structures that are not exposed to direct sunlight

### How to use:

Surface preparation: The desired surface must be cleaned from  
Application method: To apply this color, you can use the following devices:

Air spray / pressure 4-3 atmospheres / nozzle diameter 1.8-1.6 millimeters

Airless spray / pressure 7-6 atmospheres / nozzle diameter 0.53-0.43 millimeters

Roller or brush (for small surfaces) any kind of contamination such as dust, oil, grease, etc., and the surface should be blasted until it reaches the standard cleanliness level.

First, separate the two components and then add the hardener (component a) to the mixture according to the specified blending percentage on the label. Mix thoroughly until uniform. After 10 minutes, add the thinner (component b) to the mixture based on the spraying method and mix until uniform and ready for use. Considering the product's shelf life, after blending, mix the amount of colorant that can be used during this period with the mixture.

### ● Packaging

Rmolo Epoxy Paint E- 500 is produced and supplied in 20-kilogram buckets.

### ● Storage

The suitable temperature for storing the Romolo 5-40 glossy (oil-based) paint product is in 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- 500**

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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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