

POLYAMINE EPOXY Solvent Free | **E-700**

Polyamine epoxy paint Romulo is a product based on bisphenol A epoxy resin and polyamine aliphatic hardener. One of the prominent features of this product is its high resistance to water and various chemical substances, as well as its very high abrasion resistance. It is suitable for use in water and wastewater treatment systems and drinking water tanks. This product, with its high adhesion strength and suitable hardness, demonstrates high performance in terms of protecting structures against corrosion as the final layer of epoxy systems with polyamine and polyamide hardeners.



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 :

- Decent heat resistance
- High adhesion to primer and intermediate paint
- Applicable with a thickness of over 100 microns
- High gloss and excellent solvent resistance
- High chemical resistance, abrasion resistance, and hardness
- High resistance to water, moisture, salts, and suitable acid and alkali resistance

Applications:

- Can be used as epoxy paint
- Can be used as epoxy flooring
- Surface coverage for hospital and sanitary surfaces
- Protective coating for metal structures such as bridges
- Protective coating for metal structures in petrochemical plants
- Surface coating for equipment used in oil and gas industries
- Protective coating for metal structures such as industrial warehouses. Can be used for making various composites and reinforcements. Protective coating for concrete structures not directly exposed to sunlight. Protective coating for steel structures not directly exposed to sunlight Can be used for making various composites such as fiberglass, etc. Can be used for surface coverage in industrial and domestic molds, marine, art, biology, electronic and electrical systems, etc.

How to use:

Surface preparation: The desired surface must be cleaned of any contamination such as dust and dirt, oil, grease, etc.

To apply this paint, the following devices can be used:

Airless spray / 6-7 atmospheres pressure / nozzle diameter 0.914-0.457 millimeters - Roller or brush (for small surfaces)

First, mix the two components separately, then add the hardener according to the specified mixing ratio on the label and mix until completely uniform, considering the product's shelf life.

After mixing, you should mix the amount of paint that can be consumed during this time together.

! 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.

Packaging

POLYAMINE EPOXY Solvent Free E- 700 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.

E-700

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Solvent Free

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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