

## POLYURETHANE Industrial Coating | EP- 88

Romolo Polyurethane Industrial Coating is a product based on acrylic resin, polyal and isocyanate hardener, which can play a significant role in protecting metal surfaces against weathering factors as a final layer. This paint creates a film with high adhesion and hardness on the metal surface, so it shows very good stability in harsh environments, especially against changes in temperature and weather.



### Physical And Chemical Specs

Volume percentage of solids	52 ± 2%
Hue	Unlimited
Physical Form	Thick Liquid
Density	1.35±0.1gr/cm <sup>3</sup>
Glossiness	Glossy Semi-Glossy
Paint Coverage	3.3 m <sup>2</sup> /Lit
Surface Drying Time	1 hours
Full Drying Time	5 Days
Deep Drying Time	6-8 hours
Mix Percentage with Thinner	5 - 20 %
Impermeability	100 %
Application Temp	10-40 C

**Packaging** 20 KG

### Specifications :

- Brilliance and excellent appearance
- Excellent resistance to ultraviolet radiation
- Resistance to oils, chemicals, and petroleum products
- Good adhesion on polymer and plastic surfaces
- Very good adhesion on various metal surfaces (aluminum, steel, galvanized, stainless steel, and other metals)

### Applications:

- Final coating on various industrial sheds  
Roof coating as the final layer on various metal structures  
Final coating on various equipment and facilities in factories, power plants, and refineries  
Final coating on all metal structures in coastal areas, bridges, and off-shore structures  
Final coating on various external surfaces of pipelines, tanks, and automotive industries

### How to use:

Surface preparation: The desired surface must be cleaned from any kind of contamination such as dust, oil, grease, etc. For this purpose, methods such as air pressure, washing with detergents, and various solvents can be used. If the time between the application of the primer and the past time is more than a few hours, the surface should be re-cleaned after cleaning.

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)

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


Polyurethane Industrial Coating is produced and supplied in 20-kilogram buckets.

### Storage

The suitable temperature for storing the Polyurethane Industrial Coating 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.

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**POLYURETHANE**  
Industry 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

