

## SILICONE PAINT Industrial Coating | **SP- 20**

Silicone paint Romolo is a product based on mineral resins and single-component silicone resin. Silicone paints are thermoplastic paints and due to the presence of aluminum powder in the consumable resins, they have very high resistance to heat. These paints can withstand temperatures ranging from 200 to 600 degrees Celsius. The main application of silicone paints is heat-resistant coatings for surfaces and structures that are in continuous contact with high-temperature heat sources.



### Physical And Chemical Specs

Volume percentage of solids	37 ± 2%
Hue	Silver-Black
Physical Form	Thick Liquid
Density	1.08±0.1gr/cm <sup>3</sup>
Glossiness	Matte Semi-glossy
Paint Coverage	18.5 m <sup>2</sup> /Lit
Surface Drying Time	1 hour
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 :

- No change of hue due to temperature changes
- Quick Drying and highly adhesive to various surfaces
- Desirable appearance of silver matte color and semi-glossy
- Resistance to heat up to 600 degrees Celsius
- Surface protection and resistant to corrosion

### Applications:

- Internal wall covering of the chimney
- Covering various surfaces and structures that are in proximity to high heat and high temperature
- Covering the internal walls of various furnaces, boilers, chimneys, refineries
- Power plants, equipment of chemical factories, various pipes and tanks
- In proximity to high heat

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

Usage method: First, mix the color thoroughly until it becomes completely uniform and consistent. Then, depending on the viscosity and type of spray, add thinner in the range of 5 to 20 percent to achieve the desired viscosity for application.

## Packaging

Romolo Silicon Paint is produced and supplied in 20-kilogram buckets.

## Storage

The suitable temperature for storing the Zinc Ethyl Silicate Paint 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

It is recommended to avoid continuous inhalation of the vapors of this solvent in enclosed spaces and, if possible, use appropriate safety equipment. In case of contact with the skin or eyes, wash thoroughly with water. This color is flammable and should be kept away from heat, sparks, and open flames.

**!** 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.

# SP-20

**SILICON PAINT**  
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

