

# Power Coating Silver

Epoxy topcoat modified with aluminum, does not require a primer coat.

## Description: -

A final epoxy coating modified with aluminum for protecting iron structures and various metal surfaces—whether new, used, or old. Requires no primer or preparatory paint. Formulated with epoxy resin and amine hardeners, it consists of two components.

## Usage: -

- Used for painting and protecting steel structures and various metal surfaces.
- Used for refurbishing and repainting rusted steel structures.
- Used for renewing old paint coatings.
- Used for painting iron fences, pipes, bridges and various metal surfaces to protect them from weather effects.
- Used for painting light poles to protect them and extend their service life.

### Advantages: -

- Highly efficient in protecting and resisting iron surfaces from rust and corrosion.
- A topcoat that does not require a primer or undercoat.
- High adhesive strength on various surfaces.
- Maintains its attractive silver color and is unaffected by harmful weather conditions.
- Features good coverage and high spreading rate.
- Withstands high temperatures.
- Provides a distinctive silver color and smooth surface finish

### Characteristics: At 25°

color	Grey
Solid content	92 % $\pm$ 1 %
Density kg/liter	1.16 $\pm$ 0.02
Mixing ratio by weight A to B.	3 : 1
Operation time	120 minutes
Initial setting time	8 hours
Final setting time	24 hours
Full hardness	7 days
Second coat	18 : 24 hours
Min. application temperature	5°C
Temperature resistance	120° : 180° C (with slight change in color)
Thinner	Power Solve 5
Rate of use	200 g / m <sup>2</sup> / for coat (75 microns)

## Application instructions: -

### Substrate preparation

- The surface to be painted must be thoroughly cleaned and verified to be free of dust, impurities, oils, grease, or any adhered substances.
- If rust or corrosion is present on the surface, it must be sandblasted or treated using another suitable method.

### Mixing and Apply

- Stir compound [A], then add the entire content of compound [B] and mix the mixture well using a slow-speed mechanical mixer (300 RPM) until homogeneity.
- If thinning of the product is required, gradually dilute with Power Solve 5 solvent (our factory-approved) until reaching the desired consistency.
- Apply the product during working time using a brush, epoxy roller, or air spray gun.
- If a second coat is needed, apply it after at least 12 hours from the first coat application.
- Clean all used tools thoroughly after application with Power Solve 1 cleaning solvent.

## Safety precautions

- The product should be applied in a well-ventilated area.
- Gloves, protective clothing, and eye goggles should be worn during application.
- Never eat, drink, or smoke during application.
- In case of skin contamination, wash the contaminated area with water and soap.
- In case of eye contamination, immediately wash with abundant lukewarm water and consult a doctor immediately.
- Avoid spilling residues of the product into water or soil.
- Used tools are washed immediately after finishing work with Power Solve1.
- Dispose of product residues or empty containers according to local environmental regulations.

### Packages:

2 Kits [A + B], group capacity [1, 4, 20 kg].

### Storage:

The product should be stored for two years in tightly sealed containers and under appropriate storage conditions.

**For more information or inquiries, Visit our website.**

[Power-cp.net](http://Power-cp.net)

**Disclaimer:** The technical data provided herein is accurate and correct as of the publication date and is subject to change without prior notice. The information in this datasheet is not exhaustive. Application conditions should comply with those mentioned in this datasheet. The company is not responsible for any losses resulting from application under differing conditions.

**Edition: 5/2025**

