

Power Star 1C

A polyurethane primer and finish paint for various iron surfaces, available in multiple colors.

Description: -

A high-performance primer and finish paint that provides excellent protection for various iron and metal surfaces against rust and corrosion. It features strong adhesion to all exposed metal parts and surfaces. The product is based on polyurethane resin, a zinc compound, and carefully selected materials. It consists of a single component.

Usage: -

- Protection of various metal surfaces and structures.
- Coating of concrete, cement, and wooden surfaces.
- Protection of barbed wire and mesh from harsh weather conditions.
- Protection of metal roofs and trusses from corrosion and rust.
- Coating of machinery and metal equipment.

Advantages: -

- High ability to extend the lifespan of various surfaces.
- Easy to operate and apply, whether by brush, roller, or spray gun.
- Can be thinned if necessary.
- High efficiency in providing cathodic protection for various metal surfaces.
- Can be used multiple times from the same container over extended periods.
- High adhesion strength to various iron, metal, and cement surfaces.
- Primer and final coat available in multiple colors.

Characteristics: At 25°

color	Grey/colored
Density kg/liter A : B	1.38 ± 0.03
Solid content ratio by weight A to B.	68 % + 1 %
Dilution ratio	From 5 : 10 % as need
Initial setting time	Average 45 minutes
Final setting time	24 hours
Full hardness	7 days
Second coat	After 12 hours
Rate of use	200 g /m ² (100 microns)

Application instructions: -

- Clean the surface to be painted thoroughly from dust, oils, greases, or loose parts, and remove rust in case of metal surfaces.
- Sand the surface well to remove rust, if any, then disinfect it.
- It is recommended that the surface to be painted be in a well-ventilated area.
- If necessary, thin the product with Power Solv 1 solvent.
- Apply a second coat if needed after 12 hours.
- The product can be painted using a brush, epoxy roller, or spray gun.

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 any watercourse or soil.
- Dispose of product residues or empty containers according to local environmental regulations.

Packages: -

One compound, capacity [0.5, 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, please contact the technical department.

