Power Guard Extra

A high-build, colored epoxy primer and topcoat for protecting metal surfaces from rust and corrosion.

Description: -

A high-build, colored epoxy primer and topcoat with high efficiency in resisting rust and corrosion on metal surfaces and under harsh weather conditions. It is based on solvent-containing epoxy resin and zinc derivatives to ensure cathodic protection. The product consists of two components.

Usage: -

- **Protective coating for drinking water steel tanks.**
- **Protective layer for rebar against rust and to ensure strong adhesion with concrete.**
- **Protective coating for steel pipes, machinery, and trusses exposed to chemicals and harsh conditions.**
- **Protective coating for high-voltage power towers and poles.**
- **Paint for operating rooms, hospital facilities, and food storage areas.**
- **Protective layer for metal surfaces, bridges, and road structures.**
- **Protective coating for water and wastewater treatment plants.**
- **Protective layer for metal structures and iron tanks.**

Advantages: -

- Can achieve a high film thickness in a single coat.
- High adhesion and bonding strength between rebar and concrete.
- Excellent resistance to adverse weather conditions like humidity.
- Strong resistance to rust and corrosion on metal surfaces.
- Usable as a primer or a topcoat in multiple colors.
- Easy to apply; no special equipment required.
- High resistance to chemicals, salts, and oils.
- Excellent abrasion and friction resistance.

Characteristics: At 25°

color	White - Colored
Mixing ratio by weight	5 : 1
Solid ratio (weight)	84 %
Density kg/liter	1.4 $\pm$ 0.05 kg / L
Pot life	4 hours (decreases at higher temperatures)
Initial setting time	2 hours
Final setting time	24 hours
Full Hardness	7 days
Recoating Time	12 : 24 hours
Rate of use (Theoretical)	200 gm / m^2/ 75 micron thickness

Application instructions: -

Surface Preparation:

- The surface must be thoroughly cleaned and free from dust, dirt, oil, grease, or any contaminants.

- If rust or corrosion is present, the surface must be sandblasted or treated with a suitable method.

Mixing and Application:

- Stir component A thoroughly, then add all of component B and mix well using a slow-speed mechanical mixer (300 rpm) until fully homogenized.
- If thinning is needed, gradually add Power Solve 5 solvent from our plant until the desired consistency is reached.
- Apply using a brush, epoxy roller, or air spray gun within the pot life.
- For a second coat, allow at least 12 hours after the first coat.
- Clean tools with Power Solve 1 cleaning solvent immediately after use.

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.

- The used tools should be washed immediately after completion with the cleaning solvent Power Solve 1.
- Dispose of product residues or empty containers according to local environmental regulations.

Packages: -

[1, 4, 24 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

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.

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