Eco Shield

Epoxy Primer for Protecting Iron and Steel from Rust and Corrosion.

Description: -

Two-component epoxy primer containing solvents. Treated with zinc and anti-oxidants to protect various iron surfaces from rust and corrosion, and resistant to adverse weather conditions.

Usage: -

- Used as an epoxy primer and preparatory paint for various iron and metal surfaces before the final epoxy coatings.
- Used as an epoxy primer to protect reinforcing steel and increase its resistance to rust and corrosion.
- Used as a protective coating for iron and metal surfaces to guard against salt and chloride attacks.
- Used as a primer and protective coating for various metal structures in roads, bridges, industrial works, garages, trusses, tanks, and marine areas.
- Used to protect the bases of equipment, metal machinery, and iron pipes from rust and corrosion.

Advantages: -

- Economical and highly efficient.
- High ability to resist rust and corrosion on various iron surfaces.
- High adhesion strength to various types of iron and metal surfaces.
- High resistance to salt and chloride formation.
- Increases the cohesion and bonding of reinforcing steel with concrete.
- Extends the lifespan of machinery, equipment, and industrial metal structures.
- Easy to apply and does not require special equipment for application.

Characteristics: At 25°

color	Grey
Density kg/liter A : B	1.6 ± 0.05
Mixing ratio by weight A to B.	4 : 1
Solid content ratio by weight A to B.	75 % ± 2 %
Initial setting time	120 : 150 Minutes
Final setting time	24 hours
Full hardness	7 days
Operation period	Average 3 hours
Rate of use	Average 4.5 m/Kg (Average coating thickness 75 micron)

Application instructions: -

- The substrate must be cleaned well, and free from dust, oils, grease, and friable particles.
- 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 necessary, thin the product with Power Solv 3 solvent.
- Apply a second coat if needed after 12 hours.
- The product can be painted using a brush, epoxy roller, or spray gun.
- The used tools should be washed immediately after completion with the cleaning solvent Power Solve 1.

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: -

A set of two compounds [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, please 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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