Protective Coatings Solvent Metal Primer: Zinc Phosphate Primer

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Product Description

Protective Coatings Solvent Metal Primer's Zinc Phosphate Primer is a premium solvent-based alkyd rust-inhibitive primer for priming iron and steel.

Recommended Use

It is used directly on prepared iron and steel substrates.

Technical Properties

Binder	: Solvent-Based Alkyd
Solids (% by Volume)	: Approximately 50%
Specific Gravity	: Approximately 1.48
Flash Point	: About 35º C
Colour	: Grey Green and Light Grey
Finish	: Low sheen

Application Information

Substrate: Iron, Steel

Recommended No. of Coats: 1

Recommended Dry Film Thickness:
30 to 40 µm / Coat

Theoretical Coverage: 12 - 16 m^2 / L / Coat
(Does not include substrate condition and loss factors)

Drying Time	: Touch Dry	1 hours
	Hard Dry	8 hours
	Recoat	After 10 hours

Application Methods

Applied By	: Brush / Roller / Spray
Thinner	: General Thinner
Clean Up	: General Thinner

Packaging & Storage

Packaging	: 1L, 5L &18L
Shelf Life	: 12 months - Unopened
Storage	: Cool, dry and well-ventilated area away from heat and direct sun light. Lid must be kept tightly closed.

Surface Preparation

Steelworks

For maximum performance, abrasive blasting is the most effective and economical method. However, when blast cleaning is impractical due to site and safety limitations, hand power tool cleaning to St 3 (ISO 8501-1:1988) is recommended. Care must be taken to avoid excessive burnishing of steel surfaces. Prior to painting, ensure steel surfaces is thoroughly free from any oil & grease residues and foreign matter.

Previously Painted Surfaces

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. For maintenance painting, power brush spot rust areas and dilute paint to ensure good wetting. Apply by brush on spot rusted areas.

Typical Recommended Painting System

Substrate: Iron, Steel

System	Product	No. of Coats
Primer	PC Solvent Metal Primer	1
Finish	PC Solvent Gloss	2

Substrate: Previously Painted Iron, Steel

System	Product	No. of Coats
Primer	PC Solvent Metal Primer	1
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Application & Cleaning Instructions

Paint is ready for use after thorough stirring. Thinning is not normally necessary, however, if required for better workability, do not exceed 5% of dilution ratio. Clean up equipment with immediately after use.

Health & Safety

Ensure good ventilation during application and drying. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. During spray application, do not breathe in mist and wear suitable respiratory protective equipment. Keep out of reach of children.

Complementary Products

It is recommended to use the Graphenstone and Ecomaxx products for complementary actions, according to the required application, repair and/or finish. Please, refer to the relevant Technical Data Sheets.

Usage Warnings

None in particular for normal use and people who do not have special pathologies. Protect skin and eyes. Apply with good ventilation, do not inhale product. Keep out of reach of children.

Waste Management

Help protect the environment, do not throw waste through the drain and use the nearest recycling centre.

Responsible Gesture

Minimize the product waste by estimating the amount you will need. Recover the unused paint to give it a new use, keep it under the above stated storage conditions.

Safety Information

For information regarding safety, physical, ecological and toxicological information see the latest version of the product's Material Safety Data Sheet.

Disclaimer

The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.