

“Super Zinc Base” Waterborne Zinc-rich Prim

Product Description: Ecological, non-flammable, non-toxic and non-explosive paint. Suitable for use on surfaces located in high-corrosive coastal areas or even touching salt water, all without need for sand blasting. The paint provides cathodic protection and acts as a galvanic anode for protection of the steel. The product is designated for use as primer for topcoat.

Uses: Suitable for use on steel surfaces in Very High Corrosion areas. (Category C5/M), retards spreading of existing rust and formation of new rust. Suitable for painting of galvanized steel surfaces: for preservation of galvanization and as substitute for galvanization in areas where the galvanization is either damaged or worn as a result of welding. The product is suitable for use in the shipping industry, ports, pipe and plumbing systems, fuel and fuel byproducts, the chemical industry, power plants and water desalination facilities. The product may also be applied directly on concrete.

Advantages: Single-component waterborne paint without any solvents or toxins. No need for sand blasting, excellent adhesion, may be painted over with any steel topcoat paint.

Technical Details:

Color Tone	Gray
Finish	Matt
Volume Solid	50-52%
Recommended Coat Thickness	75 Micron
Coverage (Theoretical)	8 m ² /liter
Recommended Number of Coats	2
Application Method	Brushing, rolling, spraying
VOC	0

Dry Times at 25°C :

To Touch	30-60 minutes
For Work	1 hours
Minimum Recoat Time	2 hours
Full Cure	24 hours

Surface Preparation: Remove all loose paint, rust, grease, and any other contaminants using pressurized water (use of pressure washer is recommended). In case of rust fungi, use mechanical brush for removal.

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Application Instructions:

Mix paint thoroughly prior to use. Apply paint in uniform thickness of no less than 50 micron at ambient temperature of 5° - 45°. Do not apply paint in outdoor environments when rain or sand storms are expected.

Spraying Instructions:

Nozzle Size: 1.8 – 2.4, Atmospheric Pressure: 3-5 bar

Recommend Paint System for Corrosive Environments:

Coat	Product	Coat Thickness
Primer	Super Zinc Base	2 coats, each 75 microns thick
Topcoat	Super Zinc Top	2 coats, each 50 microns thick

Cleaning Instructions:

Rinse all tools in water immediately after use!

Package Size:

5 kg, 18 kg

Special Comments:

Storage instruction and Date of Expiry:

12 months in cool dry place, in its original packaging in tightly closed state.

Safety Instruction:

Please read the provided Safety Sheet prior to use and act in accordance therewith.

Safety Precautions & Health:

This product poses no risk of chemical attack or burn, however, users are advised to wear protective glasses during application and ensure proper ventilation of the work space. In case of direct contact with eyes, rinse eyes under running water and seek medical attention. Ensure packaging is properly sealed at all times. Keep away from children. Do not mix with other substances. All properties and recommendations provided herein are based on various tests, knowledge and professional experience gained in the laboratory and in the field and are highly reliable, however, there is nothing in the foregoing which may be regarded as assumption of General Liability, either implied or explicit. Our responsibility is limited to product quality only. Users are requested to ensure suitability of the product for their purposes on their own. The company maintains the right to update or change any details provided without prior notice.

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