

EMAPOXY ZINC RICH PRIMER

PRODUCT DESCRIPTION

Emirates Emapoxy Zinc Rich Primer is a two-pack zinc-rich polyamide cured epoxy primer with metallic zinc powder, designed to provide a tough-resistant coating with excellent mechanical and anti-corrosive properties.

PRODUCT FEATURES

- Anti-Corrosive Protection
- Tough, Durable Coating
- Superior Adhesion
- Excellent mechanical properties
- Excellent water resistance
- Good solvent and abrasion resistance

RECOMMENDED USE

This product is recommended to be used as an anti-corrosive primer for structural steel in fertilizer plants, piping, and petrochemical sub-oil structures and parts immersed in water.

*Used for industrial applications.

TECHNICAL SPECIFICATIONS

Color	Grey
Finish	Matt
Spreading Rate	10.2 - 20.4 m ² / litre
Volume Solids (ASTM d2697)	51 ± 2%
Specific Gravity	2.40± 0.05 (of mix)
Dry Film Thickness	25 – 50 Microns / Coat
Wet Film Thickness	49 – 98 Microns / Coat
Packaging Size	0.9L + 3.6L + 18L
Flash Point	24°C



EMAPOXY ZINC RICH PRIMER

APPLICATION DATA

Application Method	Brush, Spray
Thinner	Emirates Emapoxy Thinner (5 – 10% depends on method of application)
Conventional Spray Requirements	Atomizing Pressure: 40 psi
Airless Spray Requirements	Nozzle Size: 0.018" – 0.020" Pressure: 2200 psi
Mixing Ratio by Weight	4 : 1 (Base : Hardener), (Mix thoroughly, keep for 10 – 15 minutes)
Pot life @30°C	8 hours (reduced at a higher temperature) Note: Material may gel at elevated temperatures.

SURFACE PREPARATION

The surface must be clean, dry, and free from oil, grease, dust, and loose particles before application.

DRY TIME

Touch Dry	30 minutes
Dry to Recoat	6 hours (minimum) - For maximum recoating interval refer to our Technical service division.
Full Dry	5 days

*Based on temperatures at 30 degrees Celsius.

*Humidity, air movement, film thickness and number of coats may impact dry time.

RECOMMENDED SYSTEM

Emirates Emapoxy Zinc Rich Primer	1 Coat
Emirates Emapoxy Undercoat	1 Coat
Emirates Emapoxy Topcoat	1 Coat



EMAPOXY ZINC RICH PRIMER

HEALTH & SAFETY

Oil-based (solvent-based) paints require extra precautions due to their fumes and flammability. We highly recommend following your local safety regulations. Ensure you are working in a well-ventilated space to reduce the inhalation of harmful vapors and wear a suitable respirator mask when painting in enclosed areas. To avoid skin and eye contact, always wear protective gear such as solvent-resistant gloves and goggles. In case of skin contact, wash thoroughly with soap and water. If the paint gets into your eyes or is accidentally ingested, seek medical attention immediately. Please keep paints and solvents out of the reach of children and pets.

STORAGE & HANDLING

We highly recommend storing our paints in proper storage conditions as per your local regulations. Keep the paint container tightly sealed and away from direct sunlight and extreme temperatures. Ensure oil-based paints are stored away from any ignition sources, such as heat, sparks, or open flames, due to their flammability. Do not return unused paint to the original container to prevent contamination. For disposal, follow local hazardous waste protocols. Avoid washing brushes or spills down drains, as these paints require special disposal. Handle with care and mix thoroughly before use.

SHELF LIFE

*For best results, please use within 18 months of the production date.

*Shelf life can be highly affected by storage conditions, in particular, the method of sealing the container.

DISCLAIMER

The data provided is based on our present state of knowledge and is intended to provide general information about our product and its uses. Emirates Paints will not be responsible for any claims after the product had been used without proper testing. Any existing industrial property rights must be observed. The quality of our product is guaranteed under our general conditions of sales.

