

EMAPOXY ZINC CHROMATE PRIMER

PRODUCT DESCRIPTION

Emirates Emapoxy Zinc Chromate Primer is A two-pack anti-corrosive primer, pigmented with zinc chromate, designed to provide excellent adhesion and highly resistance to corrosive atmosphere.

PRODUCT FEATURES

- Anti-Corrosive Protection
- Excellent Adhesion
- High Resistance to Corrosive Environments
- Enhanced Surface Protection

RECOMMENDED USE

This product is recommended for steel structures and non-ferrous surfaces (galvanized steel and aluminium) in industrial and marine environments.

*Used for industrial applications.

TECHNICAL SPECIFICATIONS

| | |
|--------------------|-----------------------------|
| Color | Yellow |
| Finish | Matt |
| Spreading Rate | 10.5 m ² / litre |
| Volume Solids | 52 ± 2% |
| Specific Gravity | 1.56 ± 0.05 (of mix) |
| Dry Film Thickness | 50 Microns / Coat |
| Wet Film Thickness | 95 Microns / Coat |
| Packaging Size | 0.9L + 3.6L + 18L |
| Flash Point | 25°C |



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APPLICATION DATA

| | |
|---------------------------------|--|
| Application Method | Brush, Spray |
| Thinner | Emirates Epoxy Thinner (5 – 10% depends on method of application) |
| Conventional Spray Requirements | Atomizing Pressure: 40 psi |
| Airless Spray Requirements | Nozzle Size: 0.019" Pressure: 2200 psi |
| Mixing Ratio by Weight | 4:1 (Base: Hardener) (Mix thoroughly, mature for 15 - 20 minutes) |
| Pot life @30°C | 8 hours |

SURFACE PREPARATION

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

DRY TIME

| | |
|---------------|-----------------------------------|
| Touch Dry | 6 hours |
| Dry to Recoat | Minimum 10 hours, Maximum 3 days. |
| Full Dry | 7 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 Chromate Primer | 1 Coat |
| Emirates Emapoxy Undercoat | 1 Coat |
| Emirates Emapoxy Topcoat | 1 Coat |



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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.

