

QD ZINC PHOSPHATE PRIMER

PRODUCT DESCRIPTION

Emirates QD Zinc Phosphate Primer is a fast-drying alkyd-based anti-corrosive Primer pigmented with zinc phosphate, designed with tough dry film to provide moderate chemical resistance, with excellent adhesion.

PRODUCT FEATURES

- Quick drying
- No chromates continents
- Tough dry film
- Excellent adhesion on properly cleaned steel surfaces

RECOMMENDED USE

This product is recommended for structural steel, tanks, and pipelines in moderately corrosive atmospheres.

*Used for interior and exterior applications.

TECHNICAL SPECIFICATIONS

Color	Grey
Finish	Matt
Spreading Rate	11 - 13.8 m ² / litre
Volume Solids (ASTM d2697)	55 ± 2%
Specific Gravity	1.55 ± 0.05
Dry Film Thickness	40 - 50 Microns / Coat
Wet Film Thickness	75 - 92 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 QD Thinner (5 – 10% depends on method of application)
Conventional Spray Requirements	Atomizing Pressure: 50 psi
Airless Spray Requirements	NA
Mixing Ratio by Weight	NA
Pot life @30°C	NA

SURFACE PREPARATION

New Steel: All surfaces to be coated should be clean, dry and free from any contamination. Oil and grease should be removed by solvent cleaning as per SSPC-SP1. Abrasive blast cleaning to Sa 2.5 or mechanical cleaning using hand/power tool to a minimum of St 2 standard should be done.

Repair/Maintenance: Existing paint systems should be dry and free from salt and other contaminants. Corroded and/or damaged areas should be blast cleaned to Sa 2 or power tool cleaned to St 3.

DRY TIME

Touch Dry	5 - 10 minutes
Dry to Recoat	10 hours
Full Dry	12 hours

*Based on temperatures at 30 degrees Celsius.

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

RECOMMENDED SYSTEM

Emirates QD Zinc Phosphate Primer	1 Coat
Emirates Alkyd Enamel QD	2 Coats



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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.

