**Modern Chemical Industries, S.A.E.**
Paints · Coatings | Corniche Embaba, Al Warraq, Giza, Egypt | Established 1978

# PRIME 700

Air-Drying Alkyd Anti-Corrosive Metal Primer — Architectural Line

## PRODUCT DESCRIPTION

Prime 700 is an air-drying alkyd paint used to protect metal surfaces and structures from rust. It contains zinc chromate and additives specially formulated to resist rust, and is characterized by strong adhesion to metal surfaces, good filling power, ease of sanding, and high resistance to weather, water, and salts.

## KEY FEATURES

- Strong adhesion to metal surfaces
- Good filling power and easy to sand
- High resistance to weather conditions, water, and salts
- Anti-corrosive protection for metal substrates

## RECOMMENDED USES

- Protection of metal surfaces and structures against rust
- Primer coat beneath alkyd topcoats on steel and ironwork

## SURFACE PREPARATION

The surface must be free of dust, impurities, and grease. Thin the product with mineral spirit according to the application method. Apply by spray gun, brush, or roller. Clean tools with mineral spirit. Wear a mask during application and work in a well-ventilated area.

## TECHNICAL & PHYSICAL PROPERTIES

| Property | Value |
|---|---|
| Color | Red, dark grey, light grey, white |
| Solids Content | 80% ± 2% |
| Specific Gravity | 1.48 ± 0.02 g/cm³ |
| Gloss | Matt |
| Coverage (60-micron wet film) | 10 - 12 m² per liter (spray application only, at 150 bar with a 15 - 19 nozzle) |
| Coverage (100-micron wet film) | 8 - 10 m² per liter (roller application) |
| Shelf Life | 12 months when stored in well-ventilated warehouses |

## APPLICATION GUIDELINES

| Parameter | Recommendation |
|---|---|
| Application Method | Spray gun, brush, or roller |
| Thinning | Mineral spirit, according to the application method |
| Cleaning of Tools | Mineral spirit |
| Thinning | 10% mineral spirit |

## DRYING TIME

| Stage | Value |
|---|---|
| Surface Dry @ 25°C | 2 - 3 hours |
| Hard Dry | 4 - 6 hours |

## STORAGE

Store in well-ventilated warehouses, away from direct sunlight, extreme temperatures, and ignition sources. Keep containers tightly closed when not in use.

## HEALTH & SAFETY

- FLAMMABLE LIQUID. Keep away from heat, sparks, open flames, and all other sources of ignition. No smoking during application or storage.
- Vapours are heavier than air and may accumulate at floor level. Ensure thorough ventilation at low level during application and drying.
- Observe all warning and precautionary labels displayed on the container.
- Avoid inhalation of vapour and spray mist. Wear a suitable respirator, overalls, gloves, and goggles.
- Avoid skin and eye contact. In case of eye contact, flush immediately with plenty of clean running water and seek prompt medical attention.
- Keep out of reach of children.
- Do not empty into drains or watercourses. Dispose of waste and contaminated materials in accordance with local regulations.
- A Safety Data Sheet is available for this product and should be consulted for full handling and disposal information.

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The information in this data sheet is given to the best of our knowledge, based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.