



# SHIELD UV OXIDE PRIMER

## TECHNICAL DATA SHEET

AZAR CHEMICAL INDUSTRIES LTD





# TECHNICAL DATA SHEET

## SHIELD UV OXIDE PRIMER

### INTRODUCTION

Shield UV Oxide Primer, is an **alkyd-based primer** which serves as a protective base coat that can be applied to metal surfaces to prevent rust and corrosion. It creates a **strong, durable layer** that enhances the adhesion of topcoats. This primer is widely used in **industrial**, and **construction environments** to **protect metal structures** exposed to **moisture and harsh conditions**.

### TECHNICAL DATA

<u>PROPERTIES</u>	<u>ANALYSIS</u>
Appearance:	Red or Grey
Solid Content:	60 %
Density:	1.13 g/L
Coverage:	10 - 12 m <sup>2</sup> /L depending on surface conditions
Dilution:	20% with Turpentine or Thinner
Touch Drying Time:	2 - 3 Hours
Recoat Drying Time:	8 Hours
Gloss Finish:	>54° measured at a 60° angle.



Shield UV Oxide Primer  
2 Coat

### COMPOSITION:

**Base:** Alkyd  
**Pigments:** Inorganic  
**Additives:** Driers  
**Free-From:** Lead

### APPLICATION

#### SURFACE PREPARATION:

Before applying **Shield UV Oxide Primer**, ensure all dust, loose particles, fatty stains, and old paint are removed from the metal surface. Use sandpaper or a wire brush to smooth and roughen the surface for better adhesion. Ensure the surface is dry before applying the primer.

#### PRIMER APPLICATION:

**Application Method:** Apply using a foam roller, brush, or spray gun, in thin, even coat.

- **Brush or Foam Roller Application:** Dilute with 10% appropriate thinner.
- **Spray Gun Application:** Dilute with 15% appropriate thinner.

**For Optimal results:** Stir well. Cover the entire surface uniformly, adhering to the recommended thickness.

**Drying Time:** Touch Dry: 2-3 hours

**Coats:** 2

## PAINT APPLICATION:

Once the primer is fully dried and cured, lightly sand if needed, then apply your chosen topcoat **Shield UV Gloss Paint** for additional protection and a professional finish.

## FEATURES AND BENEFITS

---



### High Matt Finish:

**Shield UV Oxide Primer** is an **alkyd-based primer** that provides a durable and attractive matt-finish.



### Free-From:

Lead

## ADDITIONAL DATA

---

### SHELF LIFE @ 30°C:

18 months, in the original sealed container, with proper storage conditions. The storing condition is crucial.

### HEALTH & SAFETY:

Safety precautions: Generally, most of the water-based paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. The eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing a suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in a well-ventilated area.

Local safety regulations to be followed.

### STORAGE & HANDLING:

Store at temperatures below 40°C, in a cool, dry place.

Keep the paint container in a sealed condition under shade, away from direct sunlight and extreme temperatures to maintain product quality.

Do not keep paint material near any ignition sources.

Do not put back the half or unused material back in the original container, containing the supplied paint, to avoid contamination.

Handle with care.

Stir well before use.

### PACKAGING:

Available in 1 L and 3.6 L metal containers.

# AZAR GROUP



**AZAR CHEMICAL INDUSTRIES LTD**

+233 555 333 777

+233 555 333 888

info@azarghana.com

marketing@azargroup-gh.com

Azar Chemical Industries

www.azargroupltd.com