



SHIELD GALVANIZED PRIMER

TECHNICAL DATA SHEET

AZAR CHEMICAL INDUSTRIES LTD



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INTRODUCTION

Shield Galvanized Primer is a specialized coating designed for application on galvanized steel. It enhances **paint adhesion** and provides **additional corrosion protection**, ensuring long-lasting durability. This primer is widely used in **construction** and **industrial applications** to safeguard galvanized metal from the effects of harsh environmental conditions.

TECHNICAL DATA

<u>PROPERTIES</u>	<u>ANALYSIS</u>
Appearance:	White
Solid Content:	50 %
Density:	1.55 g/L
Coverage:	14 m ² /L
Dilution:	10 - 15 %
Touch Drying Time:	1 Hour
Recoat Drying Time:	3 Hours
Gloss Finish:	>14° measured at a 60° angle.



Shield Galvanized Primer
1 Coat is usually sufficient

COMPOSITION:

Base: Resin Base, Semi-drying vegetable oil

Pigments: Organic and inorganic pigments

Additives: Inert mineral fillers, aliphatic hydrocarbons, organometallic dryers

Free-From: Benzene and heavy metals

APPLICATION

SURFACE PREPARATION:

Before applying **Shield Galvanized Primer**, ensure all dust, loose particles, fatty stains, and old paint are removed for proper adhesion. Ensure the surface is free from contaminants before applying the primer.

PRIMER APPLICATION:

Application Method: Apply using a foam roller, brush, or spray gun.

- **Brush or Foam Roller Application:** Dilute with 10% appropriate thinner.
- **Spray Gun Application:** Dilute with 15% appropriate thinner, and use a pressure of 30-35lbs/in².

Adjust the spray gun for a uniform spray pattern and hold it about 6-8 inches from the surface. Apply thin, even coats by moving the spray gun steadily across the surface.

Coats: One coat is usually sufficient.

PAINT APPLICATION:

Once the primer is dry, you can apply **Shield Gloss Paint** as a topcoat.

FEATURES AND BENEFITS



High Matt Finish:

Shield Galvanized Primer provides a durable and attractive matt finish.



Adhesion Promoter:

Contains bonding agents that allow paints to adhere effectively to the slick surface of galvanized metal.



Corrosion Resistance:

Provides additional protection against rust and corrosion, enhancing the durability of the underlying galvanized layer.



One-Coat Coverage:

One coat is usually sufficient.



Free-From:

Benzene and Heavy Metals.

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 3.6 L metal containers.

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