



SHIELD ALUMINUM PAINT

TECHNICAL DATA SHEET

AZAR CHEMICAL INDUSTRIES LTD





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INTRODUCTION

Shield Aluminum Paint is a **synthetic enamel paint** that is easy to apply and has an excellent hiding power. It can be used on all types of metals, wood, and masonry surfaces.

TECHNICAL DATA

PROPERTIES

Appearance:

Solid Content:

Density:

Coverage:

Dilution:

Touch Drying Time:

Recoat Drying Time:

Gloss Finish:

ANALYSIS

Aluminium Grey Color

50 %

1.13 g/L

10 - 12 m²/L

15 - 20% with Turpentine or Thinner

3 - 4 Hours

If required, overnight

>80° measured at a 60° angle.



Shield Aluminum Paint
2 Coat

COMPOSITION:

Base: Alkyd Based

Pigments: Aluminium Paste

Additives: Driers

APPLICATION

SURFACE PREPARATION:

Before applying **Shield Aluminum Paint**, ensure all dust, loose particles, and fatty stains are removed for proper adhesion. Use a degreaser or appropriate cleaning method to thoroughly clean the surface.

PRIMER APPLICATION:

Once surface is clean and dry, apply appropriate **Shield Primer** to ensure good adhesion and protection.

PAINT APPLICATION:

Stir the paint: Mix **Shield Aluminum Paint** thoroughly to ensure that the aluminum paste and other components are evenly distributed.

Dilution: Dilute for both roller and spray gun between 15 - 20% Turpentine or Azar Thinner, depending on the desired consistency

Application Method: Apply using a foam roller, or spray gun for smooth and even coverage.

- **Roller Application:** Load the roller with the mixed paint and apply it in smooth, even strokes across the surface. Maintain consistent pressure to avoid streaks and ensure uniform coverage.

• **Spray Gun Application:** 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: 2

FEATURES AND BENEFITS



High Gloss Finish:

Shield UV Gloss Paint is an **alkyd-based synthetic enamel** that provides a durable and attractive high-gloss finish.



Color Retention (UV Resistance):

It provides extremely good protection against UV degradation thus ensuring that the shade doesn't fade for a long time and the paint lasts longer.



High Coverage / Hiding Power:

Its high pigment content ensures excellent coverage and hiding power on a wide range of surfaces.



Lead-Free:

100% lead-free, making it safer for use.

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.

AZAR GROUP



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