



SHIELD WOOD PRIMER

TECHNICAL DATA SHEET

AZAR CHEMICAL INDUSTRIES LTD



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INTRODUCTION

Shield Wood Primer is a specialised coating designed to **seal** and **protect wood surfaces** while offering **enhanced adhesion** for topcoats. The aluminium content **helps prevent moisture penetration** and **provides extra durability**, making it ideal for outdoor wood applications or areas exposed to harsh conditions. It ensures a strong, long-lasting finish while preventing wood degradation.

TECHNICAL DATA

<u>PROPERTIES</u>	<u>ANALYSIS</u>
Appearance:	Grey
Solid Content:	60 %
Density:	1.2 g/L
Coverage:	10 - 12 m ² /L depending on surface conditions
Dilution:	20% with Turpentine or Thinner
Touch Drying Time:	3 - 4 Hours
Recoat Drying Time:	Overnight



Shield Wood Primer
1 Coat

COMPOSITION:

Base: Alkyd-based
Pigments: Aluminium paste
Additives: Solvent White Spirit
Free-From: Lead

APPLICATION

SURFACE PREPARATION:

Before applying **Shield Wood Primer**, ensure all dust, loose particles, fatty stains, and old finishes are removed from the wooden surface. Use sandpaper to smooth out the rough areas. Ensure the wood is dry and free from debris before applying the primer.

PRIMER APPLICATION:

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

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

Dilute: Dilute with 20% Azar Thinner or Turpentine. Stir well before applying to ensure even consistency.

For Optimal results: Cover the entire surface uniformly. Pay attention to edges and corners.

Drying Time: Once dry, lightly sand the surface to remove any imperfections, then wipe away the dust.

Coats: 1.

PAINT APPLICATION:

Apply the topcoat or paint for a smooth, durable finish.

FEATURES AND BENEFITS



High Matt Finish:

Shield Wood Primer is an **alkyd-based wood 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.

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