



# SHIELD CLEARCOAT

## TECHNICAL DATA SHEET

AZAR CHEMICAL INDUSTRIES LTD



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### INTRODUCTION

**Shield Clearcoat** is a transparent, acrylic-based protective coating designed to be applied on top of **existing acrylic paint** on masonry surfaces. It provides a durable, glossy, and weather-resistant finish, protecting the underlying paint from moisture, UV rays, and environmental wear, thus extending the lifespan of the painted surface in both **interior** and **exterior** environments.

### TECHNICAL DATA

<u>PROPERTIES</u>	<u>ANALYSIS</u>
Appearance:	Transparent glossy finish
Solid Content:	55 %
Density:	1.08 g/L
Coverage:	10 - 12 m <sup>2</sup> /L, depending on the surface
Dilution:	10 - 25% with water
Touch Drying Time:	1 - 2 Hours
Recoat Drying Time:	4 - 6 Hours
Gloss Finish:	Semi-Gloss Finish



Shield Clearcoat  
2 Coats

### COMPOSITION:

**Base:** Acrylic-based transparent coating

**Additives:** Contains UV stabilizers and protective agents to enhance the durability of the underlying acrylic paint.

### APPLICATION

#### SURFACE PREPARATION:

**Clean Surface:** Ensure the existing acrylic paint on the masonry surface is free from dust, grease, and loose particles.

**Inspect Surface:** Check the underlying acrylic paint for any peeling or imperfections. Repair any damage before applying Shield Clearcoat.

**Dry Surface:** Make sure the surface is completely dry before applying the clearcoat.

#### PAINT APPLICATION:

**Dilution:** Dilute **Shield Clearcoat** with 10 - 15% water, depending on the application method.

**Application Method:** Use a new brush or roller to apply the paint.

**Coats:** 2 Coats for optimal protection, allowing adequate drying time between coats.

## FEATURES AND BENEFITS

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### **Semi-Gloss Finish:**

**Shield Clearcoat** adds a semi-gloss finish that enhances the appearance of masonry surfaces while providing lasting protection.



### **Color Retention (UV Resistance):**

Shields the underlying acrylic paint from fading or degradation due to UV exposure, keeping the surface vibrant for longer.



### **Enhanced Durability:**

The clearcoat adds an extra layer of durability, protecting the acrylic paint from wear, weathering, and environmental stress.



### **Water - Resistant:**

Provides a protective barrier that repels water and moisture, preventing damage to the underlying painted surface.

## ADDITIONAL DATA

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### **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, avoiding direct sunlight to maintain product quality.

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

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 3.6L, 10L, and 20L plastic containers.

# AZAR GROUP



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