



**NATIONAL SHIELD GLAZE COAT**  
**DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

## NATIONAL SHIELD GLAZE COAT

<b>PRODUCT DESCRIPTION</b>	National Shield Glaze Coat is a pure acrylic, water based product with special additives for protection and having excellent water resistance and water repellent properties. It has excellent adhesion and weather resistances over various coatings with very low dirt pick-up property. It adds richness of the base coat and creates artistic matt or silky antique effects with ancient elegant look, especially on National Shield Long Life range of products. It contains anti fungal and anti bacterial additives.
<b>RECOMMENDED USES</b>	Mostly recommended to use as a color wash on National Shield Long life range of products. It is highly recommended as an overcoat color wash applications for museums, galleries, villas, and other prestigious buildings to give an ancient but elegant, traditional or antique look. It can be used, to decorate and protect old and new painted surfaces. As an over coating clear it prevents the dust collection on the surfaces especially on textured and grooved finishes. It improves the protection and durability of the system.

### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	Clear
<b>FINISH, DRY FILM</b>	Transparent, Silk / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	20 ± 2%
<b>SPECIFIC GRAVITY</b>	1.03 ± 0.05
<b>THEORETICAL SPREADING (DEPENDS ON DFT &amp; TYPE OF FINISH)</b>	20 – 10 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	10 – 20 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	50 – 100 Microns/Coat
<b>FLASH POINT</b>	Water Base



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### **DRYING TIME**

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
<b>TOUCH DRY</b>	30 – 45 minutes
<b>DRY TO RECOAT</b>	3 – 4 hours
<b>FULL DRY</b>	24 hours

### **ADVANTAGES**

<b>NATIONAL SHIELD GLAZE COAT</b>	Creates antique & elegant look, improves water resistance and water repellency, low dirt pick up, excellent adhesion, excellent weather resistance, pure acrylic based binder, as a glaze colour wash application for variety of coatings.
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### **APPLICATION INSTRUCTION**

<b>SURFACE PREPARATION</b>	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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### **APPLICATION DATA**

<b>APPLICATION METHOD</b>	Roller, Brush, Spray, Sponge, Cloth
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	Water, 10 – 20% depends on application
<b>CONV. SPRAY REQUIREMENTS</b>	Possible

### **SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	National Shield Glaze Coat : 1 – 2 coats
	Note:
	Apply the Shield Glaze Coat on National recommended
	System.

### **ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	12 months, in original sealed container, with proper storage conditions.
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### **HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	Generally, most of the water base 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. Eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. Local safety regulations to be followed.
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### **STORAGE & HANDLING**

<b>STORAGE</b>	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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**NOTE:** We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.  
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