



**NATIONAL AQUA SILOXANE PRIMER**  
**DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

## NATIONAL AQUA SILOXANE PRIMER

<b>PRODUCT DESCRIPTION</b>	National Aqua Siloxane Primer is a water dilutable, poly-siloxane based primer clear with deep penetrating property. It has excellent resistance to salt, water and alkali. It provides a breathable and water vapour permeable coating with excellent adhesion to the subsequent coating system. It prevents efflorescence cause by the moisture moving towards the surface of concrete. It contains anti bacterial and anti fungal additives.
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<b>RECOMMENDED USES</b>	National Aqua Siloxane Primer is recommended for interior/exterior to get maximum protection from salts or alkali on the concrete surfaces. It is also recommended for the application on chalky surfaces to get proper adhesion through deep penetration into the surface. It is suitable for the applications on concrete, plaster, gypsum, brickwork, asbestos, etc. It is recommended as a primer for the breathable, water vapour permeable coating system.
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### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	Clear
<b>FINISH, DRY FILM</b>	Transparent
<b>VOLUME SOLIDS (ASTM D2697)</b>	12 ± 2%
<b>SPECIFIC GRAVITY</b>	1.00 ± 0.03
<b>THEORETICAL SPREADING</b>	4 – 5 M <sup>2</sup> /LTR
<b>PENETRATION</b>	2 – 3 mm
<b>FLASH POINT</b>	Water Base

### 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>DRY TO OVER COAT</b>	8 – 10 hours



**ADVANTAGES**

<b>NATIONAL AQUA SILOXANE PRIMER SYSTEM</b>	Excellent salt and alkali resistance, prevents efflorescence on concrete surface, deep penetration to the surface, suitable for chalky surfaces also, breathable and water vapour permeable coating, water resistant.
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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
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	Max. 5% water, depends on application.
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>MIXING RATIO (BY VOLUME)</b>	NA
<b>POT LIFE @ 30°C (100 ml)</b>	NA

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface. For more porous or chalky surfaces, apply two coats of National Aqua Siloxane Primer.	National Aqua Siloxane Primer	: 1 coat
	National Recommended System	As specified

**NATIONAL/INTERNATIONAL TEST CERTIFICATES**

<b>Sr. No.</b>	<b>Test Description</b>	<b>Test Reference</b>	<b>Compliance</b>
1	VOC	ISO 11890	Local Regulatory Requirements

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	18 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 vapours 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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