



NATIONAL PENETRATING SILOXANE PRIMER SEALER
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL PENETRATING SILOXANE PRIMER SEALER

PRODUCT DESCRIPTION	A solvent based polysiloxane primer sealer, with excellent penetrating property. It penetrates deeply into the pores of the cement, concrete and masonry surfaces, resulting it in a better water repellent surface. It has excellent resistance to alkali, moisture, salt etc.
RECOMMENDED USES	As s Penetrating Primer Sealer for interior and exterior concrete, plaster, asbestos, brick work etc. Overcoating to be done as per National recommended system.

TECHNICAL DATA

COLOUR, DRY FILM	Clear
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	20 ± 2%
SPECIFIC GRAVITY	0.91 ± 0.05
THEORETICAL SPREADING	4 – 5 M ² /LTR, depends on surface and film thickness
RECOMMENDED DFT (DRY FILM)	Depends on surface and film thickness
RECOMMENDED WFT (WET FILM)	Depends on surface and film thickness
FLASH POINT	25°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	1 hour
DRY TO RECOAT	2 – 3 hours

ADVANTAGES

NATIONAL PPENETRATING SILOXANE PRIMER SEALER SYSTEM	One component, Polysiloxane based primer sealer, excellent penetration properties in cementitious surfaces, better water resistance.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	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

APPLICATION METHOD	Brush, Roller or Spray
CLEANING/THINNING	National G.P. Thinner
THINNER (VOLUME)	Ready to use
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure: As low as possible
NOZZLE SIZE	0.025"
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @ 30°c (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	For cementitious surface:
	Clean the surface and apply
	National Penetrating Siloxane Primer Sealer : 1 – 2 coats
	National Aliphatic Acrylic H.B. : 2 coats
	OR
	National Shield Exterior Filler (if required) : 2 coats
	National Protect Seal : 2 coats
	OR
National Shield Ultra Silk : 2 coats	

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	ISO 11890	Local Regulatory Requirements
2	Reduction in Chloride Ion Penetration	ASTM C 1202	
3	Moisture Vapour Transmission	ASTM E 96	
4	Reduction in Water Absorption	BS 1881 P.122	



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ADDITIONAL DATA

SHELF LIFE @ 30°C	12 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	<p>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.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
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STORAGE & HANDLING

STORAGE	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 stock 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.
Issued: 0718