



NATIONAL SILICONE PRIMER SEALER
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL SILICONE PRIMER SEALER

PRODUCT DESCRIPTION	A silicone based colourless solution, which gives excellent water repellency to surface. It has excellent penetration properties to the surface and gives protection against efflorescence.
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RECOMMENDED USES	<ul style="list-style-type: none"> - Masonry surface water repellent. - Sealing of highly absorbing surfaces, concrete, bricks. - As a primer sealer for water based paint.
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TECHNICAL DATA

COLOUR, DRY FILM	Clear Transparent
FINISH, DRY FILM	Matt
VOLUME SOLIDS (ASTM D2697)	10 ± 2%
SPECIFIC GRAVITY	1.00 ± 0.05
THEORETICAL SPREADING	10 – 6.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	10 – 15 Microns/Coat (Depends on surface)
RECOMMENDED WFT (WET FILM)	100 – 150 Microns/Coat (Depends on surface)
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	30 – 40 minutes
DRY TO RECOAT	3 – 4 hours

ADVANTAGES

NATIONAL SILICONE PRIMER	Single component, ready to use, silicone primer, clear transparent, with excellent adhesion to various surfaces.
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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 Wash Primer Thinner
THINNER (VOLUME)	Ready to use
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : As low as possible.
NOZZLE SIZE	0.017” – 0.020”
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @ 30°c (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Silicone Primer Sealer	: 1 – 2 coats
	National Plastic Emulsion (OR)	: 1 – 2 coats
	National Matt Emulsion (OR)	: 1 – 2 coats
	Other National Recommended System	

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 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.
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