



NATIONAL ACRYLIC PRIMER (SOLVENT BASED)
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ACRYLIC PRIMER (SOLVENT BASED)

PRODUCT DESCRIPTION	Acrylic resin based, special quick drying solvent based primer. The dried film has alkali resistance, excellent hardness, adhesion, water and weather resistance.
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RECOMMENDED USES	It is recommended for interior and exterior cementitious surfaces, like concrete, plaster. Also suitable for wooden surface.
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TECHNICAL DATA

COLOUR, DRY FILM	Specific colours.
FINISH, DRY FILM	Matt
VOLUME SOLIDS (ASTM D2697)	48 ± 2%
SPECIFIC GRAVITY	1.30 ± 0.05
THEORETICAL SPREADING	16 M ² /Ltr.
RECOMMENDED DFT (DRY FILM)	30 Microns/Coat
RECOMMENDED WFT (WET FILM)	62 Microns/Coat
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 – 2 hours
DRY TO RECOAT	3 – 4 hours
HARD DRY	12 hours

ADVANTAGES

NATIONAL ACRYLIC PRIMER (SOLVENT BASED)	One component, Acrylic resin based primer, easy to apply, excellent water, weather, U.V. resistance. Dry film has excellent adhesion on cementitious 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	Roller, Brush or Spray
CLEANING/THINNING	National Acrylic Thinner
THINNER (VOLUME)	5-15% depends on the method of application.
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure: 2200 psi
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.	Clean the surface, remove loose particles and apply
	National Acrylic Primer (Solvent Based) : 1 coat
	National Acrylic Rock Topcoat : 2 coats
	OR
	National Acrylic Primer (Solvent Based) : 1 coat
	National Polyurethane / Nationalthane Topcoat : 1 – 2 coats

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	USEPA 24	Local Regulatory Requirements

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	<p>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.</p>
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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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