



**NATIONAL AQUA ACRYLIC PRIMER
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL AQUA ACRYLIC PRIMER

PRODUCT DESCRIPTION	High-quality, one pack primer based on Acrylic dispersions. It gives smooth matt finish, with excellent adhesion to cementitious surfaces, good alkali resistance, with good washability. It contains anti fungal and anti bacterial additives.
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RECOMMENDED USES	Smooth finish with excellent adhesion on concrete wall. Suitable on moist surfaces.
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TECHNICAL DATA

COLOUR, DRY FILM	Pastel shades
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	45 ± 2%
SPECIFIC GRAVITY	1.25 ± 0.05
THEORITICAL SPREADING	11 – 9 M ² / LTR
RECOMMENDED DFT (DRY FILM)	40 – 50 Microns / Coat
RECOMMENDED WFT (WET FILM)	90 – 110 Microns / Coat
FLASH POINT	Water Base

DRYING TIME

Drying time @ 30 ⁰ C (Temperature, humidity, air movement, film thickness and number of coats all after the drying time.)	
TOUCH DRY	30 -45 minutes
ACRYLIC FLOORING	2 – 4 hours
FULLY DRY	48 hours

ADVANTAGES

NATIONAL AQUA ACRYLIC FLOORING PRIMER	Single pack water based, easy to apply, excellent adhesion to cementitious surfaces, good mechanical properties, suitable for application on moist areas and low VOC.
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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	Water
THINNER (VOLUME)	5 – 10% depending on the method of application.
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 2000 – 2500 psi
NOZZLE SIZE	0.018” – 0.021”
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @30⁰ C (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Aqua Acrylic Primer	: 1 coat
	National Acrylic Primer (W.B.)	: 1 coat
	National Stucco Filler (Interior)	: 2 coats
	National Recommended System	: 2 coats

ADDITIONAL DATA

SHELF LIFE @ 30⁰ C	6 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECUATIONS	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 paints 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

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the pint 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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