



**NATIONAL SUPER ACRYLIC EMULSION  
DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

## NATIONAL SUPER ACRYLIC EMULSION

<b>PRODUCT DESCRIPTION</b>	National Super Acrylic Emulsion is high quality acrylic emulsion based economical and good quality emulsion paint for interior applications. It has excellent alkali resistance and adhesion with good coverage. National Super Acrylic Emulsion has excellent recoatability with limited washability. It provides smooth leveled decorative flat finish to interiors. It contains anti fungal and anti bacterial additives.
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<b>RECOMMENDED USES</b>	National Super Acrylic Emulsion is recommended as an alkali resistant decorative finish for interior surfaces like concrete, plaster, brickwork, gypsum board, masonry, asbestos, wood etc. It can be used over National Stucco Filler or gypsum for sealing the surfaces. It can be over coated with National Super Matt Emulsion.
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### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	As per the National Shade Card
<b>FINISH, DRY FILM</b>	Smooth / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	49 ± 2%
<b>SPECIFIC GRAVITY</b>	1.50 ± 0.05
<b>THEORETICAL SPREADING</b>	12 – 10 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	40 – 50 Microns / Coat
<b>RECOMMENDED WFT (WET FILM)</b>	80 – 100 Microns / Coat
<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>	1 hour
<b>DRY TO OVER COAT</b>	2 – 4 hours
<b>FULL DRY</b>	24 hours

### ADVANTAGES

<b>NATIONAL SUPER ACRYLIC EMULSION</b>	Acrylic based Emulsion, excellent alkali resistance, good brushability, excellent recoatability and adhesion, provides smooth and flat decorative finish, good coverage.
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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 or Spray
<b>CLEANING/THINNING</b>	Water
<b>THINNER (VOLUME)</b>	10 – 15% depends on the method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure: 2000 – 2500 psi
<b>NOZZLE SIZE</b>	0.018” - 0.021”
<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.	National PVA Primer Sealer for Masonry	: 1 coat
	(OR)	
	National PVA Primer White for Masonry	: 1 coat
	(OR)	
	National Acrylic Primer (W.B.)	: 1 coat
	National Stucco Filler	: 2 coats
	National Super Acrylic Emulsion	: 2 coats

**NATIONAL/INTERNATIONAL TEST CERTIFICATES**

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	ISO 11890 – 2	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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