



NATIONAL SUPER MATT EMULSION
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL SUPER MATT EMULSION

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| PRODUCT DESCRIPTION | National Super Matt Emulsion is a high quality acrylic emulsion paint with excellent alkali resistance and adhesion to the substrate. It offers exceptional light & weather resistances with very good washability. It provides a decorative smooth matt finish to the interior and exterior surfaces. It has very good hiding and leveling properties. It contains anti bacterial and anti fungal additives. |
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| RECOMMENDED USES | It is used for the decorative smooth matt finish applications of interior and exterior concrete, plaster, brickwork, gypsum, asbestos, masonry and wooden surfaces. For better results, use National Acrylic Primer W.B. as a primer coat. For interior surface leveling use National Stucco Filler and exterior surface, use National Shield Exterior filler. |
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TECHNICAL DATA

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| COLOUR, DRY FILM | As per National Shade Card |
| FINISH, DRY FILM | Smooth / Matt |
| VOLUME SOLIDS (ASTM D2697) | 44 ± 2% |
| SPECIFIC GRAVITY | 1.50 ± 0.05 (For white & pastel shades) |
| THEORETICAL SPREADING | 11 – 9 M ² /LTR |
| RECOMMENDED DFT (DRY FILM) | 40 – 50 Microns/Coat |
| RECOMMENDED WFT (WET FILM) | 90 – 115 Microns/Coat |
| FLASH POINT | Water Base |

DRYING TIME

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| 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 – 4 hours |
| FULL DRY | 24 hours |

ADVANTAGES

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| NATIONAL SUPER MATT EMULSION | Excellent adhesion and alkali resistance, high quality Acrylic Emulsion Binder, very good opacity and leveling properties, very good washability, exceptional light & weather resistance, provides a decorative smooth matt finish. |
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APPLICATION INSTRUCTION

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| 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

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| APPLICATION METHOD | Roller, Brush or Spray |
| CLEANING/THINNING | Water |
| THINNER (VOLUME) | Water, 5 – 10% depends 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) | NA |
| POT LIFE @ 30°C (100 ml) | NA |

SYSTEM

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| RECOMMENDED SYSTEM To be applied on prepared surface. | National Acrylic Primer (W.B.) | : 1 coat |
| | National Super Matt Emulsion | : 2 coats |
| | For leveling the surface: (If required) | |
| | National Stucco Filler (For interior) | : 2 coats |
| | National Shield Exterior Filler (For Exterior) | : 2 coats |

ADDITIONAL DATA

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| SHELF LIFE @ 30°C | 18 months, in original sealed container, with proper storage conditions. |
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HEALTH & SAFETY

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| SAFETY PRECAUTIONS | 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

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| 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 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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