



NATIONAL LATEX EMULSION -MATT
DECORATIVE COATINGS

PROVISIONAL TECHNICAL DATA SHEET

NATIONAL LATEX EMULSION MATT

PRODUCT DESCRIPTION	National Latex Emulsion Matt is an economical washable interior/exterior emulsion paint based on modified acrylic emulsion with a smooth flat decorative finish. It offers excellent adhesion and recoatability. It is formulated to give good opacity in affordable price. It has good brushability and good leveling. It contains anti bacterial and anti fungal additives.
RECOMMENDED USES	National Latex Emulsion Matt is used as a decorative finish for interior / exterior application on concrete, cement plaster, brickwork, gypsum board, wood etc. It is used for interior/exterior applications of houses, shops, flats etc. It is always recommended as an economical and general purpose painting system.

TECHNICAL DATA

COLOUR, DRY FILM	As per National shade card
FINISH, DRY FILM	Smooth, Matt
VOLUME SOLIDS (ASTM D2697)	40 ± 2%
SPECIFIC GRAVITY	1.45 ± 0.04
THEORETICAL SPREADING	13.3 – 10.0 m ² /lit.
RECOMMENDED DFT (DRY FILM)	30 – 40 microns/coat
RECOMMENDED WFT (WET FILM)	75 – 100 microns/coat
FLASH POINT	Water based

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
TOUCH DRY	1 hr.
HARD DRY	2 - 4 hrs.
DRY TO OVERCOAT	24 hrs.



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ADVANTAGES

NATIONAL LATEX EMULSION MATT	Economical decorative finish for exterior/interior, excellent adhesion and recoatability, good brushability and leveling, smooth and matt finish.
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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. Any defects on the substrate should be rectified before starting painting. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHODS	Spray: Airless spray or conventional spray. Roller: Possible. Brush: For corners and edges.
CLEANING/THINNING	Water
THINNER (VOLUME)	Maximum up to 30% (depends on method of application)
CNVENTIONAL SPRAY	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure: 2100 psi Nozzle: 0.021 – 0.027” Angle of spray: 65 ⁰ - 80 ⁰

SYSTEM

RECOMMENDED SYSTEM (To be applied on suitably prepared surface)	National PVA Primer Sealer for Masonry -1 coat
	National Stucco Filler (only for interior) - 1or 2 coats
	National Latex Emulsion Matt -2 coats

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>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.</p> <p>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.</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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