



DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ACTION EMULSION

PRODUCT DESCRIPTION	National Action Emulsion is a water based paint suitable for interior surfaces where recoating is very often. It is basic emulsion paint with excellent hiding power and whiteness. It is formulated to give good performance in affordable price. It has good brushability and good leveling. It contains anti bacterial and anti fungal additives.
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RECOMMENDED USES	National Action Emulsion is ideal for plastered and masonry interior surfaces require frequent repairing. It is recommended for interior surfaces like concrete, cement plaster, gypsum board, wood etc. It can also be applied over stucco filler for sealing the surface porosity with excellent whiteness.
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TECHNICAL DATA

COLOUR, DRY FILM	As per National shade card.
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	37 ± 2%
SPECIFIC GRAVITY	1.42 ± 0.05 (For White & Pastel shades)
THEORETICAL SPREADING RANGE	9.2 – 7.4 m ² /lit.
RECOMMENDED DFT RANGE (DRY FILM THICKNESS)	40 – 50 microns/coat
RECOMMENDED WFT RANGE (WET FILM THICKNESS)	108- 135 microns/coat
FLASH POINT	Water Base

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
TOUCH DRY	30 minutes.
DRY TO RECOAT	1 – 2 hours.
DRY TO OVERCOAT	24 hours.

**ISO 9001 & 14001
OHSAS 18001
CERTIFIED FACTORY**



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ADVANTAGES

NATIONAL ACTION EMULSION	<ul style="list-style-type: none"> • Good leveling • Excellent whiteness and dry opacity. • Excellent Recoat ability • Economical.
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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	By brush, roller or spray.
CLEANING/THINNING	Water
THINNER (VOLUME)	Maximum up to 40% depending on 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

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

ADDITIONAL DATA

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

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.

STORAGE & HANDLING

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.

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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