



NATIONAL EGGSHELL EMULSION SILK -PROJECTS

PRODUCT DESCRIPTION	National Eggshell Emulsion Silk –Projects, is acrylic copolymer based emulsion top coat to provide smooth washable silky finish with good durability and whiteness. It has very good flow and leveling properties. It offers good coverage and adhesion to the surfaces. It is free from any harmful chemicals and is washable. It has very low VOC. It contains anti bacterial and anti fungal additives.
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RECOMMENDED USES	National Eggshell Emulsion Silk-Projects is used as a decorative and protective topcoat for interior masonry walls and ceilings of cement plaster, concrete, cement and other building materials. It is recommended for interiors of residential buildings, shops, restaurants, villas etc.
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TECHNICAL DATA

COLOUR, DRY FILM	As per National shade card
FINISH, DRY FILM	Smooth, Silk
VOLUME SOLIDS (ASTM D2697)	33.0 ± 2%
SPECIFIC GRAVITY	1.16 ± 0.04 (For white and pastel colours)
THEORETICAL SPREADING	11.0 – 5.5 m ² /lit.
RECOMMENDED DFT (DRY FILM)	30 – 60 microns/coat
RECOMMENDED WFT (WET FILM)	91 - 182 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	2 – 3 hrs.
HARD DRY	4 – 6 hrs.
DRY TO OVERCOAT	3 hrs.



ADVANTAGES

NATIONAL EGGSHELL EMULSION SILK - PROJECTS	Good durability and whiteness, good coverage and adhesion, very good flow and leveling, free from harmful chemicals, low VOC, is durable and washable coating.
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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 10% (depends on method of application)
CONVENTIONAL 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 prepared surface)	1.National PVA Primer Sealer for Masonry/PVA Primer White for Masonry	1 coat
	OR	
	1. National Acrylic Primer W.B	1 coat
	2.National Stucco Filler (If required)	1–2 coats
	3. National Eggshell Emulsion Silk-Projects	2 coats

ADDITIONAL DATA

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

<p>SAFETY PRECAUTIONS</p>	<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. 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

<p>STORAGE</p>	<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.
Issued: 0919