

## NATIONAL EGGSHELL EMULSION (MATT/SILK/SEMI-GLOSS)

### DESCRIPTION

**National Eggshell Emulsion (Matt/Silk/Semi-Gloss)** is a premium quality acrylic co-polymer based paint with a smooth lustrous finish and high washability for interior applications.

### TYPICAL PROPERTIES

|                                    |                                   |                                  |                                  |
|------------------------------------|-----------------------------------|----------------------------------|----------------------------------|
| • Color & Appearance               |                                   |                                  |                                  |
| Color of Dry Film                  | As per National Paints shade card |                                  |                                  |
| Finish of Dry Film                 | <b>Matt</b>                       | <b>Silk</b>                      | <b>Semigloss</b>                 |
| • Specific Gravity                 | 1.30 ± 0.05                       | 1.40 ± 0.05                      | 1.28 ± 0.05                      |
| • Volume Solids (ASTM D 2697)      | 44 ± 2 %                          | 43 ± 2 %                         | 44 ± 2 %                         |
| • Film Thickness                   |                                   |                                  |                                  |
| Wet Film Thickness (WFT)           | 90 – 115 microns/coat             | 90 – 115 microns/coat            | 90 – 115 microns/coat            |
| Dry Film Thickness (DFT)           | 40 – 50 microns/coat              | 40 – 50 microns/coat             | 40 – 50 microns/coat             |
| • Drying Time                      |                                   |                                  |                                  |
| Drying Time (Touch Dry) @ 30°C     | 1 hour                            | 1 hour                           | 1 hour                           |
| Drying Time (Dry to Recoat) @ 30°C | 2 – 4 hours                       | 2 – 4 hours                      | 2 – 4 hours                      |
| Drying Time (Full Dry) @ 30°C      | 6 – 8 hours                       | 6 – 8 hours                      | 6 – 8 hours                      |
| • Theoretical Spreading Rate       | 11.0 – 9.0 m <sup>2</sup> /liter  | 11.0 – 9.0 m <sup>2</sup> /liter | 11.0 – 9.0 m <sup>2</sup> /liter |

### USES

**National Eggshell Emulsion (Matt/Silk/Semi-Gloss)** is recommended for interior applications on:

- Concrete
- Cement Plaster
- Brick Work

### ADVANTAGES

- Excellent washability
- Excellent alkali resistance
- Excellent adhesion

### PACKAGING SIZE

- 0.9 liters
- 3.6 liters
- 18 liters

## COMPLIANCE & CERTIFICATIONS

**National Eggshell Emulsion (Matt/Silk/Semi-Gloss)** complies with ESMA ECAS Green Label 5 Star and DCLD Certificate of Product Conformity.

\*Certificates are available upon request.

## SURFACE PREPARATION

The surface should be clean, free of oil, grease, loose particles, other contaminants and suitably primed before application of coating.

## SAFETY PRECAUTIONS

- Avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.
- **Skin Contact:** Rinse with water. If skin irritation or rash occurs, seek medical attention immediately.
- **Eye contact:** Rinse cautiously with water for several minutes. Consult an eye specialist immediately.
- Avoid inhalation of vapors and paint mist by wearing suitable mask.
- In the event of ingestion seek medical attention immediately.
- Painting must be carried out in well-ventilated area.
- Local safety regulations need to be followed.

## APPLICATION METHOD

- Brush
- Roller
- Spray - Conventional and Airless
  - Airless Spray Requirements
    - Pressure: 2000 – 2500 psi
    - Nozzle Size: 0.018" – 0.021"

**Cleaning solvent / Thinner:** Water

**Dilution:** 5 – 10%, depends on the method of application.

## STORAGE & SHELF LIFE

- 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.
- Shelf life at 30°C is 18 months in original sealed container, with proper storage conditions.

## RECOMMENDED SYSTEM

|                                                                                       |                |
|---------------------------------------------------------------------------------------|----------------|
| National PVA Primer Sealer for Masonry<br>Or<br>National PVA Primer White for Masonry | 1 coat         |
| National Stucco Filler (if required)                                                  | 1 – 2 Coats    |
| <b>National Eggshell Emulsion (Matt/Silk/Semi-Gloss)</b>                              | <b>2 coats</b> |
| <b>OR</b><br>Other National Paints recommended system                                 |                |

**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 safety details kindly refer safety data sheet.