

1. Product Identification

- **Brand:** Cowlor Paints
- **Product Name:** Cowlor Ecoshield Interior Emulsion
- **Product Category:** Water-Based Interior Emulsion Paint
- **Application Area:** Interior Walls & Ceilings

2. Product Description

Cowlor Ecoshield – Interior Emulsion Paint is a premium eco-friendly, water-based interior wall coating developed using a unique cow-dung-based formulation combined with advanced acrylic polymer technology. Designed for healthier indoor environments, it offers low odour, smooth finish, good washability, and durable performance while maintaining a green, low-VOC profile.

3. Recommended Application Areas

- Interior plastered walls
- Cement surfaces
- POP and putty-finished surfaces
- Previously painted interior walls (after proper surface preparation)

4. Key Features

- Eco-friendly & water-based formulation
- Low / Zero VOC
- Low odour - suitable for occupied interiors
- Good washability and interior durability
- Smooth matt finish
- Good opacity and coverage
- Easy application by brush, roller, or spray

Not recommended for exterior surfaces or areas with continuous water exposure.



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5. Application Details

Property	Typical Value
Apperance	Smooth Matt Finish
Colour	White (Tintable with compatible water-based colorants)
Specific Gravity	1.55 ± 0.05
Volume Solids	48 ± 2 %
VOC Content	Low / Zero VOC
pH Value	8.5 – 9.5
Drying Time (Surface Dry)	30 – 45 minutes*
Drying Time (Hard Dry)	4 – 6 hours*
Recoat Time	4 – 6 hours
Washability	Good
Adhesion	Good (on properly prepared substrates)
Opacity	Good hiding power

*Drying times may vary depending on temperature, humidity, and ventilation.



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6. Coverage

- 8 – 10 sq. mtr / litre / coat
- (Coverage depends on surface porosity, application method, and shade.)

7. Application Methods

- Brush
- Roller
- Airless Spray / Conventional Spray

8. Recommended Dilution

- Brush / Roller: 5 – 10% clean potable water
- Spray Application: 8 – 12% clean potable water
- ⚠ Do not over-dilute beyond recommended limits.
- Do not dilute excessively on site — that kills luxury performance.

9. Surface Preparation

- Ensure surface is clean, dry, and free from dust, grease, loose particles, and fungal growth
- Remove peeling or flaking paint by sanding or scraping
- Repair surface imperfections with suitable wall putty
- Apply a compatible water-based primer before painting for best results

10. Application Guidelines

- Stir paint thoroughly before use
- Apply two coats for best finish and durability
- Allow adequate drying time between coats
- Avoid application on damp surfaces or under extreme humidity conditions

11. Shelf Life

- 12 months from date of manufacture when stored in original, unopened containers.

12. Storage

- Store in a cool, dry place away from direct sunlight
- Keep containers tightly closed when not in use
- Protect from freezing

13. Health & Safety

- Non-flammable
- Low odour



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- Avoid prolonged skin contact
- Use protective gloves and eyewear during application
- In case of contact with eyes, rinse with clean water and seek medical advice if irritation persists

13. Disclaimer

- The information contained herein is based on laboratory testing and practical experience. Actual performance may vary depending on surface conditions, application methods, and environmental factors. The user is advised to carry out a small trial application before full-scale use.