



Product Overview

GM Interior Plastic Emulsion is a top quality, water based acrylic copolymer paint formulated for indoor walls. It offers excellent opacity, smooth matt finish, washability, and built in antimicrobial protection, all with very low VOC emissions.

Suitable Substrates

- Cementitious plaster
- Rendered blockwork and masonry
- Concrete surfaces
- Gypsum panels

(Ensure all surfaces are stable, clean, dry, and free from dust or loose material before painting.)

Technical Characteristics

Characteristic	Specification
Sheen (60° gloss unit)	Matt
Solids by Volume	33 ± 2 %
Density	1.4 kg/L
VOC (ISO 11890 EU)	11 g/L

Coating Thickness & Coverage

- Dry Film Thickness: 30-40 µm per coat
- Wet Film Thickness: 105-150 µm per coat
- Coverage: Approximately 8.5-9.5 m²/L (actual coverage depends on substrate texture and losses)

How to Apply

- Preparation: Remove grease, loose coatings and contaminants.

Tools:

1. Roller: Ideal for large, flat areas
2. Brush: For edges and detailed work
3. Airless Spray: 0.021-0.025 nozzle, 2000-2500 psi, spray angle 65°-80°

- Thinning: Add up to 15 % clean water if needed for application.
- Cleaning: Rinse all equipment immediately with water after use.

Drying & Overcoat Times

- Surface Dry: ~1 hour
- Through Dry: 2-3 hours
- Recoat Window: After 2 hours (Based on 30 °C ambient temperature and ≤ 50 % relative humidity.)



Technical Data Sheet PLASTIC EMULSION

Suggested Coating System

- Primer: GM PVA Primer — one coat
- Leveling: GM Fine Filler — two coats
- Finish: GM Interior Plastic Emulsion — two coats (add a third coat for very dark pigments)

Packaging & Storage

- Available Sizes: 3.6 L and 18 L
- Storage Conditions: Store in a sealed container in a cool, dry, well-ventilated area away from direct heat or flame.
- Shelf Life: Minimum 24 months at temperatures up to 30 °C (may vary by local regulations)

Safety Precautions

- Wear protective gloves, eye protection, and a suitable respirator when spraying.
- Ensure good ventilation; avoid inhaling mist.
- Dispose of empty containers in accordance with local guidelines.

Disclaimer

The details provided here reflect typical results from controlled tests and practical experience.. GM Paints disclaims any liability for uses beyond its direct control.