



Technical Data Sheet GM MATT EMULSION PAINT

Product Overview

GM Matt Emulsion is a premium, water based acrylic topcoat engineered for interior walls and ceilings. Its innovative low VOC formula delivers excellent opacity and a smooth, uniform matte finish while minimizing odors for a comfortable living environment.

Key Features

- Superior Coverage: High hiding power reduces the number of coats required.
- Smooth Matte Finish: Exceptional flow and leveling eliminate trowel or roller marks.
- Low Odor & Low VOC: Safe for occupied interiors; enhances indoor air quality.
- Washable Surface: Endures light cleaning without compromising its matte finish.
- Microbial Inhibition: Built in biocide helps prevent bacterial growth on painted surfaces.
- Eco Conscious: Free from APEOs, formaldehyde and ammonia.

Recommended Applications

Ideal for properly primed and prepared substrates, including:

- Concrete and cement renders
- Gypsum board and plaster
- Brickwork and masonry
- Use in residential and commercial spaces such as: bedrooms, living rooms, offices, hotels, schools and hospitals.

Technical Specifications

Finish:	Matt
Color Options:	Refer to GM Granite Paint Color Chart
Specific Gravity:	1.50 ± 0.05 g/mL
Volume Solids:	35 ± 2 %
Viscosity:	100 ± 10 KU
Coverage:	~11.7 m ² /L at 30 µm DFT

Surface Preparation

- Allow new plaster or concrete to cure at least 28 days.
- Remove all loose, flaking or chalky coatings.
- Clean surfaces of dust, grease, oil and mold.
- Fill cracks and holes with a suitable filler; sand smooth once dry.
- Ensure substrate is sound, dry and free of contaminants before priming.



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Application Instructions

- Condition: Substrate temperature between 5 °C and 40 °C; relative humidity < 70 %; surface moisture < 8 %.
- Mixing: Stir gently to homogeneity.
- Thinning:
 - Airless spray: add up to 10 % potable water by volume.
 - Air spray / roller / brush: add 10-15 % water by volume.
- Priming: Apply one coat of GM Interior Primer; allow to dry per primer guidelines.
- Topcoats: Apply two coats of GM Matt Emulsion at 30 µm DFT each.
- Recoat Window: Minimum 8 hours; maximum 48 hours between coats.
- Full Cure: Surface reaches maximum hardness in 7 days.

Application Method

- Airless Spray: Nozzle 0.015-0.019; pressure = 2100 psi; spray angle 40-60°.
- Air Spray: Nozzle 1.5-1.8 mm.
- Roller: Low nap, microfiber or suitable finish roller.
- Brush: High quality synthetic bristle.

Drying Time

- Surface Dry: 2 hours
 - Hard Dry: 72 hours
 - Full Cure: 7 days
- Tested in accordance with ASTM D5895 at 25°C.

Tools & Thinning

Tool Cleaning: Flush with clean water immediately after use.
Thinner: Potable water.

Packaging

Available Size: 25 Kg Drum.
Shelf Life: Up to 24 months from manufacture when stored unopened at 25 °C.
Storage: Keep containers tightly sealed in a cool, dry, well ventilated area away from direct sunlight.

Safety & Environmental Precautions

- Apply in well ventilated environments; avoid inhalation of mist.
- Wear protective gloves, eyewear and a dust mask if spraying.
- Keep out of reach of children and pets.
- Dispose of empty containers and waste per local regulations.

Disclaimer

Information in this sheet reflects the best current knowledge and does not constitute a legally binding warranty. Users should verify suitability for their intended application and comply with all relevant regulations.