



Matte Emulsion Technical Data Sheet

Product Description

Matte Emulsion is a premium-quality, water-based decorative paint designed for interior surfaces, offering a smooth, velvety finish with no gloss. It is formulated to provide superior coverage, durability, and long-lasting performance while maintaining an aesthetically pleasing, non-reflective matte appearance. This paint is ideal for walls, ceilings, and other interior surfaces where a subdued, flat finish is desired.

Matte Emulsion is known for its excellent hiding power, ease of application, and quick drying times. It is based on advanced acrylic technology, which enhances the paint's resistance to wear, stains, and dirt, making it perfect for both residential and commercial applications. The paint is also formulated to be low in volatile organic compounds (VOCs), making it more environmentally friendly and safer to use in homes, offices, and other occupied spaces.

The matte finish achieved with this emulsion provides a sophisticated, elegant look, ideal for contemporary and traditional décor. It hides surface imperfections well, ensuring a uniform, smooth surface that enhances the overall aesthetic of any room. The product is available in a wide range of colors, allowing users to create a variety of moods and atmospheres within their living or working spaces.

Matte Emulsion can be applied to a variety of surfaces, including drywall, plaster, concrete, and masonry, as well as previously painted surfaces. The paint is designed to be easy to clean, while its low sheen prevents glare, making it perfect for spaces that require a calm, soft look, such as bedrooms, living rooms, or offices.

Recommended Use

1. Interior Walls and Ceilings:

- Matte Emulsion is primarily designed for interior applications, providing a non-reflective finish that softens the appearance of walls and ceilings. It is ideal for use in living rooms, bedrooms, and dining areas where a soft, muted effect is desired.

2. Surface Imperfections Coverage:

- The non-reflective finish of the paint hides minor surface imperfections, making it an excellent choice for older walls or those with texture, such as plaster or concrete. It provides an even and smooth appearance, ensuring a flawless look even on uneven surfaces.

3. Residential Use:

- This product is a favorite for residential applications, especially in areas such as family rooms, bedrooms, and hallways. Its ability to resist dirt and stains ensures it remains looking fresh and clean over time, making it a practical choice for homes with children or pets.

4. Commercial Applications:

- Matte Emulsion is equally suited for commercial environments where a professional, subdued finish is required. It is commonly used in offices, conference rooms, and corridors, where high durability and a non-glare finish are essential for comfort and productivity.

5. Hospitals and Educational Facilities:

- Its low VOC content and ease of maintenance make Matte Emulsion an ideal choice for healthcare facilities, schools, and daycare centers. It can help create a pleasant, non-distracting environment while being easy to clean and maintain.

6. Eco-friendly Projects:

- As Matte Emulsion has low VOCs, it is an environmentally friendly option, suitable for green building projects or spaces that prioritize sustainability. The paint does not release harmful fumes, making it a safe option for sensitive environments.



7. Decoration and Interior Design:

- Its subtle matte finish is ideal for achieving modern and classic interior design styles. Whether it's a contemporary minimalist look or a more traditional setting, this paint provides an elegant, understated backdrop to interior furnishings.

Technical Data Specification

- **Colour:** Available in a wide range of colors
- **Finish:** Matte (flat, non-reflective)
- **Viscosity:** Medium to high viscosity
- **Gloss:** Less than 5% at 60°
- **Specific Gravity:** 1.4–1.6 g/cm³
- **Drying Time:** Touch dry in 30 minutes; Recoating time 2-4 hours
- **Flash Point:** Non-flammable
- **VOC Content:** Low VOC content, <50 g/L
- **Coverage:** 8-10 m² per liter (depending on surface porosity)
- **Shelf Life:** 12 months in original container

Dosage, Addition, and Method of Application

1. Dosage:

- The coverage of Matte Emulsion is approximately 8-10 m² per liter, depending on the type and texture of the surface being painted. For very porous surfaces or rough textures, additional coats may be needed to achieve full coverage.

2. Addition:

- Matte Emulsion is ready to use and does not require thinning for most applications. However, for spraying or very porous surfaces, a small amount of water (up to 5%) can be added to achieve the desired consistency.
- **Mixing:** Stir the paint thoroughly before use to ensure an even consistency, as some pigments may settle over time.

3. Method of Application:

- **Surface Preparation:**
 - Clean the surface to be painted, removing dust, dirt, grease, and any loose or peeling paint. For previously painted surfaces, lightly sand the area to ensure good adhesion of the new paint.
 - For new drywall or plaster, ensure the surface is fully cured and dry before applying paint.
- **Application by Brush:**
 - Use a high-quality brush, preferably one with synthetic bristles, to apply the paint. Start by cutting in along edges and corners, then fill in the larger areas with broad brush strokes. Apply one coat and allow it to dry completely before applying a second coat for optimal coverage.
- **Application by Roller:**
 - Use a 3/8" to 1/2" nap roller for smooth or semi-smooth surfaces. Load the roller with paint, and apply in a 'W' pattern to ensure even distribution. Then, roll over the surface in straight lines for a smooth, uniform finish.
- **Application by Spray:**



- Use an airless sprayer or HVLP system for spraying applications. Ensure that the paint is applied in thin, even coats, allowing each coat to dry before applying the next one.

○ **Curing:**

- After the final coat is applied, allow the paint to dry for 2-4 hours before using the area. Full curing takes 7 days.

4. **Post-application:**

- Clean tools immediately with soap and water. Dispose of empty containers in accordance with local environmental regulations.

Safety Instructions

1. **Handling:**

- Matte Emulsion is generally safe to handle, but it is recommended to wear gloves to avoid skin contact. If the paint comes into contact with skin, wash thoroughly with soap and water.
- Ensure that the room is well-ventilated during application to prevent inhalation of vapors.

2. **Storage:**

- Store the paint in a cool, dry area away from direct sunlight or extreme temperatures. Keep the container tightly closed when not in use to prevent contamination or drying out.
- Do not store in temperatures below 5°C or above 35°C.

3. **First Aid:**

- **Eye Contact:** If the paint gets into the eyes, flush immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
- **Skin Contact:** Wash with soap and water. If irritation occurs, consult a doctor.
- **Inhalation:** If inhaled in large quantities, move to fresh air immediately. If symptoms persist, consult a medical professional.
- **Ingestion:** Do not induce vomiting. Rinse mouth with water and seek immediate medical attention if swallowed.

4. **Disposal:**

- Dispose of the product according to local regulations. Do not pour leftover paint down drains or into water systems. Dispose of empty containers in accordance with local waste disposal regulations.

5. **Other Precautions:**

- Keep out of reach of children and pets. Avoid prolonged exposure to vapors.