



Silk Emulsion Technical Data Sheet

Product Description

Silk Emulsion is a premium, water-based decorative paint designed for interior walls and ceilings, providing a smooth, satin finish with a soft sheen. It is formulated to offer superior durability, washability, and excellent coverage, making it the ideal choice for areas that require a subtle shine and a long-lasting, attractive surface. The silky finish creates a sophisticated look and enhances the natural light in the room by reflecting light without the excessive glossiness seen in traditional gloss finishes.

This emulsion paint is developed with advanced acrylic resins, giving it outstanding performance against wear and tear while ensuring that the paint job stays fresh and vibrant for longer. Silk Emulsion offers excellent opacity, reducing the need for multiple coats. It is resistant to stains, dirt, and common household pollutants, making it easy to clean and maintain, ideal for high-traffic areas and spaces that experience daily use.

The paint is ideal for modern interiors where a sleek and polished finish is required, offering a premium solution for homes, offices, and other commercial spaces. It is formulated to be low in volatile organic compounds (VOCs), making it safer for both users and the environment, without compromising on performance.

Silk Emulsion is available in a wide range of colors, allowing designers and homeowners to choose the perfect shade to complement any décor. Its quick-drying nature makes it convenient for both professionals and DIYers, ensuring that the painting process is efficient and clean.

Recommended Use

1. **Interior Walls and Ceilings:**

Silk Emulsion is perfect for use on smooth interior surfaces such as drywall, plaster, cement, and masonry. The satin finish provides a sophisticated look and helps in reflecting light, making it ideal for both walls and ceilings.

2. **Residential Applications:**

This paint is ideal for use in living rooms, dining rooms, bedrooms, and hallways, where a soft, elegant finish is desired. The silky sheen enhances the atmosphere of a room, giving it a refined and bright appearance while maintaining a smooth texture.

3. **Commercial Applications:**

Silk Emulsion is frequently used in offices, conference rooms, and retail environments, where durability and a clean, modern look are necessary. Its resistance to stains and scuffs ensures it will maintain a pristine appearance in high-traffic commercial spaces.

4. **High-Traffic Areas:**

The paint is excellent for areas such as kitchens and children's rooms, where surfaces are frequently exposed to moisture, dirt, and everyday use. Silk Emulsion's easy-to-clean nature makes it ideal for spaces that need regular cleaning while retaining a premium finish.

5. **Eco-Friendly Projects:**

Due to its low VOC content, Silk Emulsion is an environmentally friendly choice, making it suitable for green building projects, schools, hospitals, and other spaces requiring a safe and low-emission painting solution.

6. **Modern and Classic Interior Design:**

Its reflective, satin finish complements both modern and traditional interior design styles. Silk Emulsion's versatility allows it to pair well with various materials, from wood to metal and fabric, making it ideal for any home or office setting.



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7. **Masonry and Plaster:**

This paint is perfect for application on new plaster or masonry surfaces that are cured and dry. Its excellent adhesion properties ensure a strong bond, providing long-lasting results.

8. **Touch-Ups and Renovations:**

Silk Emulsion is an excellent choice for touch-ups and repainting of previously painted surfaces. Its superior opacity and coverage allow for seamless blending and a uniform finish, making it ideal for renovation projects.

Technical Data Specification

- **Colour:** Available in a wide range of shades
- **Finish:** Satin (soft sheen, reflective)
- **Viscosity:** Medium
- **Gloss Level:** 15-25% at 60° (depending on color)
- **Specific Gravity:** 1.3–1.5 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:** 10-12 m² per liter (depending on surface texture)
- **Shelf Life:** 12 months in unopened container

Dosage, Addition, and Method of Application

1. **Dosage:**

Silk Emulsion offers excellent coverage with an average yield of 10-12 m² per liter. The exact coverage will depend on the surface's porosity and texture, with rough or absorbent surfaces requiring additional coats for full opacity. For optimal performance, it is recommended to apply at least two coats on unpainted or poorly maintained surfaces.

2. **Addition:**

- The paint is ready for use in most cases and does not require thinning. However, for very porous surfaces or if a spray application is desired, a small amount of water (up to 5%) can be added for thinning.
- **Mixing:** Stir thoroughly before use to ensure uniform consistency, as pigments may settle over time.

3. **Method of Application:**

- **Surface Preparation:**
 - Ensure the surface is clean, dry, and free from dust, grease, and any peeling paint. Smooth and clean surfaces help achieve a smooth, flawless finish.
 - If painting over a previously painted surface, sand the area lightly to ensure proper adhesion.
 - New plaster and drywall must be fully dry before applying Silk Emulsion.
- **Application by Brush:**
 - Use a high-quality synthetic bristle brush to apply Silk Emulsion. Begin by cutting in the edges of the surface, such as along corners and trim lines, then apply to larger areas. Brush in smooth, even strokes to avoid brush marks.
- **Application by Roller:**
 - Use a 3/8" to 1/2" nap roller for smooth surfaces. Load the roller evenly with paint and apply in a 'W' pattern to ensure even coverage. Then, roll in straight lines to eliminate any roller marks.



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- For best results, apply in thin coats, ensuring each coat dries before applying the next.
- **Application by Spray:**
 - If using a sprayer, ensure the paint is thinned appropriately (if necessary) for smooth spraying. Apply in light, even coats, maintaining a consistent distance from the surface. Spray in a crosshatch pattern to avoid drips and uneven coverage.
- **Drying and Curing:**
 - Allow the first coat to dry for 2-4 hours before applying the second coat. Silk Emulsion typically reaches full cure in 7 days, during which time it should be kept free from heavy contact.
- 4. **Post-Application Care:**
 - Clean all application tools immediately after use with soap and water. If the paint dries on tools, use a brush cleaner or solvent.
 - Dispose of any leftover paint according to local environmental regulations.

Safety Instructions

1. **Handling:**
 - Silk Emulsion is generally safe to use, but it is advised to wear gloves and protective eyewear during application. If the paint comes into contact with the skin, wash immediately with soap and water.
 - Ensure good ventilation during application, especially in confined spaces, to avoid inhaling any paint fumes.
2. **Storage:**
 - Store the paint in a cool, dry place, away from direct sunlight, heat, or freezing conditions. Keep the lid tightly closed when not in use to prevent contamination and drying out of the product.
 - Do not store at temperatures below 5°C or above 35°C.
3. **First Aid:**
 - **Eye Contact:** Rinse eyes immediately with water for 15 minutes. Seek medical attention if irritation persists.
 - **Skin Contact:** Wash with soap and water. Seek medical advice if irritation develops.
 - **Inhalation:** Move to fresh air immediately. If symptoms persist, consult a healthcare professional.
 - **Ingestion:** Do not induce vomiting. Rinse mouth with water and seek medical attention immediately.
4. **Disposal:**
 - Dispose of paint waste in accordance with local regulations. Do not pour leftover paint down drains or into watercourses.
 - Empty containers should be disposed of as per local waste disposal guidelines.
5. **Other Precautions:**
 - Keep out of reach of children.
 - Avoid prolonged exposure to vapors. Always apply in well-ventilated areas.