

Technical Data Sheet

Universal Rubber Emulsion 100

Description

Universal Rubber Emulsion 100 is a high-quality, water-based acrylic rubber emulsion paint formulated for interior and exterior use. It provides a flexible, durable, and smooth decorative matt finish that resists hairline cracking and delivers excellent adhesion on masonry and plastered surfaces. The paint forms a rich, uniform film with superior coverage and long-lasting color retention.

Uses

- Interior and exterior plaster, concrete, gypsum board, and masonry surfaces.
- Ideal for achieving a clean, smooth, and durable matt finish.

Technical Data

| Property | Typical Value |
|----------------------------|--|
| Binder Type | Pure Acrylic |
| Finish | Smooth Matt |
| Density | 1.2 kg/L |
| Fineness | 5 microns |
| VOC | <50 g/L |
| Drying Time @25°C & 50% RH | Touch dry: 1 h · Recoat: 4 h · Hard dry: 24 h |
| Coverage | 11–12 m ² /L per coat @ 35–45 µm |
| Thinning | Clean water up to 15-25% (roller/brush), 35-45% (spray) |
| Application Temperature | +10°C to +35°C |

Surface Preparation

All surfaces must be clean, dry, sound, and free of dust, grease, and loose material.

- **New plaster or concrete:** Allow full curing; remove loose dust; prime with **Universal Primer Sealer**.
 - **Cracks and surface defects:** Fill using **Universal Putty Filler**, then sand smooth.
 - **Previously painted surfaces:** Remove flaking paint, sand glossy areas, clean thoroughly, and spot-prime bare areas with **Universal Undercoat**.
-

Application

- Tools: Brush, roller, or airless spray.
 - Film Thickness: Apply uniform coats to achieve full coverage.
 - Recoating: Ensure previous coat is dry and lightly sand if necessary.
 - Cleanup: Clean tools immediately after use with clean water.
-

Packaging

1 US Quart (0.946 L), 1 US Gallon (3.785 L), and 5 US Gallons (18.925 L).

Storage & Safety

Store tightly closed in a cool, dry, and well-ventilated area between +5°C and +35°C. Protect from frost and direct sunlight. Shelf life: 24 months in unopened containers.

Avoid contact with skin and eyes; wear protective gloves and goggles during application. Ensure adequate ventilation during use. Non-flammable, water-based product.