

Technical Data Sheet

Universal Enamel – ProLine

Description

Universal Enamel – ProLine is a premium-grade, solvent-based alkyd enamel developed to deliver outstanding gloss retention, superior hiding power, and long-term durability. It produces a smooth, hard, and washable film with excellent adhesion and color retention for interior and exterior use on properly primed metal, wood, and masonry surfaces. Its optimized solids content and resin system provide excellent coverage and resistance to chipping, yellowing, and weathering.

Features & Benefits

- Excellent hiding power and high film build.
- Outstanding gloss retention and color durability.
- Resistant to mild chemicals, moisture, and atmospheric exposure.
- Smooth flow and leveling for a high-quality decorative finish.
- Excellent adhesion on properly primed substrates.

Uses

- Interior woodwork, trim, doors, cabinets, furniture, paneling, and moldings
- Previously painted or stained surfaces where a clear protective finish is required
- Projects requiring low odor, quick recoat, and easy maintenance
- Not recommended over uncured oil finishes; test small area for compatibility

Technical Data

Property	Typical Value
Binder Type	Long Oil Alkyd Resin
Finish	Gloss / Semi-Gloss / Satin
Density	1.2-1.25 kg/L
Solids by Volume	50%
Drying Time @25°C & 50% RH	Touch dry: 3-4 h • Recoat: 16 h • Full Cure: 7 days

Flash Point	35 °C
Coverage	9.5-10.5 m ² /L per coat @ 35–40 µm
Thinning	White Spirit up to 15-20% (roller/brush), 20-25% (spray)
Application Temperature	+10°C to +35°C

Surface Preparation

All surfaces must be clean, dry, and free of rust, grease, dust, and contaminants.

- **Metal:** Remove rust and loose material by wire brushing or blasting; prime with **Universal Zinc Phosphate Metal Primer** or **Universal Super Metal Primer**.
 - **Wood:** Sand smooth and remove dust; seal with **Universal Primer Undercoat – Series 7000** before finishing.
 - **Previously painted surfaces:** Remove loose or flaking coatings and sand to a smooth finish before recoating.
-

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 white spirit.
-

Packaging

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

Storage & Safety

Store in tightly closed containers between +5 °C and +35 °C. Keep away from heat, sparks, and open flame.

Shelf life: 24 months in unopened containers stored under recommended conditions.