

# Technical Data Sheet

## Universal Enamel – ValueLine

### Description

Universal Enamel – ValueLine is a high-quality solvent-based alkyd enamel formulated to provide a smooth, durable, and glossy finish. It offers dependable performance and good coverage for general-purpose protection of interior and exterior surfaces such as metal and wood. While maintaining strong adhesion and gloss, its formulation emphasizes ease of application.

---

### 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	1.15-1.20 kg/L
Solids by Volume	48%
Drying Time @25°C & 50% RH	Touch dry: 3-4 h · Recoat: 16 h · Full Cure: 7 days

Flash Point	35 °C
Coverage	9-10 m <sup>2</sup> /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.