

## Omega Enamel No. 900

### Premium Solvent-Based High Gloss Enamel Paint

#### DESCRIPTION

Omega Enamel is a premium quality solvent-based enamel paint formulated with high-performance long oil alkyd resins. It provides a smooth, high-gloss decorative finish with excellent durability and protection for both interior and exterior applications. The traditional alkyd formula provides exceptional blocking characteristics with great touch-up properties, and exhibits exceptional hide and coverage. It flows easily with little brush-drag and is self-leveling properties. This product is thinned with white spirit and is suitable for use on metal, wood, concrete, masonry, and properly primed surfaces..

#### RECOMMENDED USES

- Structural steel and iron
- Machinery and equipment
- Metal gates, railings, and fences
- Wooden doors, frames, and furniture
- Concrete and masonry surfaces
- Interior and exterior walls (when properly primed)

#### KEY FEATURES & BENEFITS

- Excellent gloss retention
- Superior adhesion to multiple substrates
- Outstanding weather resistance
- High UV resistance
- Good abrasion resistance
- Smooth flow and leveling
- Excellent hiding power
- Durable and tough film
- Easy application by brush, roller, or spray

#### TECHNICAL DATA

Finish	High Gloss		
Resin type	Long Oil Alkyd Resin		
Thinner	White Spirit		
Appearance	Wide range of standard colors as well as custom shades according to Omega Colors Bank System		
Total Solid, by Weight	62% ±1%		ASTM D2369
Total Solids, by Volume	50% ±1%		ISO 3233
Density	1.10 - 1.25 kg/l (depending on color)		ASTM D1475
Viscosity	90 - 110 Ku @ 25°C		ASTM D562-10
Scrub Resistance	Passes 1000 cycle		ASTM D2486
Gloss Level	95 @ 85° / 88 @ 60° / 77 @ 20°		ASTM D523
Packaging	Pail	19 liter (upon request)	
	Gallon	3.8 liter	
	Quart	0.9 liter	
Coverage	Gallon: 40 - 60 m <sup>2</sup> per 1 coat	Varies based on concrete porosity, texture, and application method. Highly porous surfaces require lower coverage.	
Dry Times 25°C and 50% Relative Humidity	Touch	2 - 4 hours @ 25°C	Varies significantly with temperature, humidity, and airflow
	Recoat	12 - 24 hours @ 25°C	
Storage	5°C – 35°C. Protect from freezing.		
Safety Information	For additional information, see MSDS		

## SURFACE PREPARATION

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product.

- **Wood Surfaces:** Sand smooth any exposed wood surfaces. Patch nails holes and any imperfections with wood filler or putty and sand smooth. Apply Omega Undercoat Primer No. 70 after removing sanding dust.
- **New Ferrous Metal & Previously Painted Surfaces:** Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry and remove all loose coatings, rust and corrosion by scraping, sanding, then apply Omega Metal Primer.
- **Masonry Surfaces - Poured Concrete, Concrete Block:** New concrete and mortar should cure for a minimum of 28 days at 25°C prior to coating application. Level all surface projections and mortar spatters by stoning, rake mortar joints clean and remove all soluble salts.

## APPLICATION

Paint should be stirred thoroughly to a smooth consistency immediately before use, you may use brush, roller or spray for application. Thin only with small amount of White Spirit and do not apply when air or surface temperature below 5°C.

## THINNING

With white spirit 10–15% in some special cases thin up to 20% when applying the first coat directly to un-primed absorbent surfaces or in hot climates.

## PRECAUTIONS

- Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hrs of application.
- Do not apply during wet weather.
- Do not overthin or overextend the brush.
- Stir thoroughly before use.

## SHELF LIFE

Omega Enamel No. 900 can be utilized within 24 months of production date if stored in proper conditions in unopened original packing.

## HEALTH AND SAFETY

CAUTION: Keep from freezing. Avoid prolonged contact with skin or breathing spray mist. Do not take internally. Close container after each use. Use with adequate ventilation. IMPORTANT: Spray equipment must be operated in strict accordance with manufacturer's instructions. When spray applying, wear spray mask, eye protection and protective clothing. FIRST AID: In case of skin contact, wipe area clean with cloth and wash thoroughly with soap and water; for eyes, flush with water for 15 minutes and get medical attention. If swallowed, get medical attention immediately. KEEP OUT OF REACH OF CHILDREN