

# Falcon I Semi Gloss Enamel

## Product Description

Falcon I Semi Gloss Enamel is based on high quality Alkyd resin enamel paint. It provides high glossy finish and environmental friendly "**Lead Free**". It has optimum color retention, maximum yellowing resistance with outstanding durability and active fungicide.

## Recommended Usage

To be used for interior and exterior surfaces such as concrete, plaster gypsum board wood and steel works.

## Technical Data

Color	As per our color card		
Finish	Smooth / Semi Gloss		
Solid contents	50 % ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	60	80	70
Dry film thickness (microns)	30	40	35
Theoretical spreading rate (m <sup>2</sup> /ltr.)	16.6	12.5	14
Viscosity	4.5 - 5.5 minute by ford cup No. 4 @ 25°C		
Specific gravity	1.35 ± 0.05 gm/cm <sup>3</sup>		
Drying time	Dry to touch (hours)		2
	Dry to recoat (hours)		6
Flash Point	38°C.		
Thinner / Cleaning	Falco Thinner 1000		

## Hint

Theoretical spreading rate is a value that depends on solid content and desired dry film thickness by the following equation:

$$\text{Theoretical spreading rate} = \frac{10 \times \text{solid content by volume}}{\text{DFT in microns}}$$

## Application Data

### Surface Preparation

The surface must be clean, dry and free from dust, oil, grease and any contaminations.

### Tools

Brush, roller or spray.

### Spray Data

Pressure at nozzle : 150 kg/cm<sup>2</sup> (2100 PSI)  
 Nozzle tip (inches) : 0.013 - 0.021  
 Spray Angle : 65 - 80°  
 Filter : be sure that the filters are clean.

### Application Method

Apply two coats of **Falcon I Semi Gloss Enamel** (top coat) by brush, roller and spray thinned with Thinner 1000 (10-15% by volume).

### Recommended paint system for interior concrete:

- Falco Sealer Primer or Acrylic Emulsion Primer 1 coat
- Falco Stucco Putty 2 coats
- **Falcon I Semi Gloss Enamel** 2 coats

### Recommended paint system for steel works:

- Falco Red Oxide Primer 1 coat
- **Falcon I Semi Gloss Enamel** 2 coats

### Recommended paint system for wood works:

- Falco Wood Primer 1 coat
- Falco Stucco Putty (interior only) 2 coats
- **Falcon I Semi Gloss Enamel** 2 coats

**Note:** paint system may be varying according to the substrate.

### Packing size

- 1 liter, 1 US gallon and 5 US gallons steel cans (for local).
- 1 liter, 1 US gallon, 18 liters steel cans (for export).

### Storage

- The product should be stored in a dry, cool place and away from direct sun light.
- Cans should be well closed, classified according to the base and to be arranged by a maximum 3 plastic cans/row and 5 steel cans/row.

### Health and safety

- Inhalation Risks:

Vapor or mist can cause headache, nausea & irritation of the nose throat & lungs.

- Skin & Eye Contact:

Use good personal hygiene practices while working with this material. Dry contaminated clothing before reuse. For eye contact, flush with fresh water for at least 15 minutes. If irritation persists, get medical attention.

- Skin Absorption : Not expected.

- Ingestion Health Risks:

It may be harmful or fatal if swallowed. ingestion may cause nausea, vomiting & diarrhea. Consult a physician.

- Health Hazards : Acute & chronic (not expected).

- Emergency & First Aid Procedures:

1. Dermal : Clean with soap & water.
2. Ingestion : Consult a physician.

**ALKYD BASE**

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3. Inhalation : Remove to fresh air.

**Fire & Fire Fighting Data**

Flash Point : 38° C.  
Flammable limits : None.  
Extinguishing media : Foam, Alcohol Foam, CO2 and dry chemical.

**Physical / Chemical Characteristics**

Vapor Density : Heavier than air.  
Evaporation Rate : Slower than other.  
Solubility in Water : Soluble.  
Appearance/Odor : Liquid, Mild Odor

For more information please refer to the Material Safety Data Sheet.