

# PROSHIELD ENAMEL 400

high-performance alkyd-based top coat for Steel Protection

## Product Description:

**PROSHIELD ENAMEL 400** is a high-performance alkyd-based top coat, designed for use in protective coating systems. It provides a durable and semi gloss finish with good weathering resistance and protection against corrosion when used as part of a system over a suitable primer.

### Uses :

**PROSHIELD ENAMEL 400** is used as a top coat in corrosion protection systems in :

- Structural steel
- Storage tanks
- Pipelines
- Machinery
- Industrial and marine steel surfaces

### Features & Benefits:

- Good Corrosion Resistance
- Durable Glossy Finish
- Easy to Apply
- Can be applied by brush, roller, or spray
- Compatible with Various Primers

## Technical specifications :

Color	According to RAL	
Solid content	60% ± 2%	
Wet film thickness	100 – 150 micron	
Dry film thickness	60 – 90 micron	
Theoretical Coverage	10 – 6 m <sup>2</sup> / L	
Curing Time	Surface Dry	: 4 – 6 hours
	Hard Dry	: 12 – 16 hours
	Recoating	: 24 hours

### Packing:

Available in 20 L

### Storage and shelf life :

- 12 months in original tightly closed containers away from direct sunlight and excessive heat

## Instructions for use :

### 1) **Surface Preparation:**

- All surfaces should be clean, dry, and free from rust, oil, grease, or other contaminants.
- Blast cleaning (Sa 2½) is preferred for maximum durability.
- Hand/power tool cleaning (St 2–3) is acceptable for less demanding applications.
- Apply one coat from recommended primer **PROSHIELD RRIME A100**

### 2) **Application Method:**

- **Brush/Roller:** Suitable for small areas and touch-ups.
- **Airless Spray:** Recommended for large surfaces (nozzle tip: 0.015-0.021").
- **Thinning:** Up to 10% with recommended thinner if needed.