



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 ² / 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.