

PROSHIELD RRIME A100

Alkyd Primer for Steel Protection

Product Description:

PROSHIELD RRIME A100 is a one-component, high-performance alkyd-based primer designed for the protection of steel surfaces in atmospheric environments. It offers excellent adhesion, corrosion resistance, and surface tolerance, making it ideal for use as a base coat in industrial and protective coatings systems.

Uses :

PROSHIELD RRIME A100 is used as a primer layer in corrosion protection systems in :

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

Features & Benefits:

- Excellent adhesion to properly prepared steel
- Very good corrosion resistance.
- Corrosion inhibition through active anti-rust pigments.

Technical specifications :

Color	Red oxide / Gray / Custom on request	
Solid content	55% ± 2%	
Wet film thickness	100 – 150 micron	
Dry film thickness	55 – 85 micron	
Theoretical Coverage	10 – 6 m ² / L	
Curing Time	Surface Dry	: 1 – 2 hours
	Hard Dry	: 8 – 12 hours
	Recoating	: 12 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.

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.