

PROXON ZINC RP

PROXON ZINC RP is an epoxy zinc-rich primer that prevents corrosion, offers abrasion resistance, and protects steel from chloride attack.



What

PROXON ZINC RP is a multi-component epoxy zinc-rich primer for new construction and maintenance. It protects structural steel from corrosion, resists abrasion, and guards reinforcement steel against chloride attacks and handling damage.

Why?

- Easy to apply
- Anti-corrosive primer
- Prevents corrosion growth
- Excellent steel adhesion
- Fast drying time
- Suitable topcoats compatibility

Usage

Used in high-corrosion areas as a patch coat for galvanized steel, flooring primer for heavy-duty surfaces, anti-corrosion coating for reinforcement bars, and protection for MS tanks in industrial and marine environments.

How to use?

- Clean, dry surface
- Remove weld spatter
- Abrasive blast clean
- Apply zinc primer
- Mix components thoroughly
- Clean tools immediately

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Application

Surface Preparation:

The surface must be clean and dry. Remove weld spatter, smooth seams, sharp edges, oil, grease, and other contaminants. Surface defects revealed after blast cleaning should be treated. Abrasive blast to AS 2 1/1 Swedish standard SIS 055900. Clean corroded reinforcement using **PROXON RUST RC** and wire brush thoroughly. Apply **PROXON RUST RC** on surfaces prepared per the Swedish standard. If oxidation occurs, reblast accordingly.

Shop Primed Steel:

Weld seams or damaged areas must be blast cleaned. For widespread primer breakdown, perform overall sweep blasting.

Mixing:

Mix Part B into Part A using a slow-speed mixer for 2–3 minutes until uniform.

Application:

Airless spray: Tip size 0.43–0.53 mm
Pressure: $\geq 176 \text{ kg/cm}^2$
Brush/roller for small areas
Conventional spray: Use suitable agitating equipment

Cleaning:

Use organic solvent immediately after application. Hardened material requires mechanical cleaning.

Coverage

5–7 sq.m/ltr depending on surface condition. Recommended dry film thickness is 50–70 microns.

Packing

1Ltr (2.4kg) two-component units.

Shelf life

Can be stored in cool, dry, shaded areas. Shelf life is 12 months if protected from sunlight, heat, humidity, and UV exposure in recommended conditions.

Safety Measures

PROXON ZINC RP contains no hazardous substances, but safety precautions must be followed. Wear gloves, goggles, and protective gear. In case of contact, rinse with water. If swallowed, seek medical help. Refer MSDS for details.

Physical Properties

Standards conform	BS4662, 1971 type 2
Typical thickness	50 to 70 microns DFT
Volume solids	60%
Zinc content in dry film	>90%

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Resistance	Intermittent at 200°C
Dry temperature	Continuous at 150°C
Product weight	2.40kgs/liter (mix)
Thinner	Normally not required
Pot ilfe	5°C, 12hours 23°C, 10hours 35°C, 6hours
Drying time	Substrate touch dries hard
Dry temperature	5°C, 45min. 2 hours 23 °C, 30min. 1 hour 35 °C, 20min. 30 min

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