

REC COAT 216

ANTI-RUST COATING

DESCRIPTION

REC COAT 216 is a high-performance metal primer and rust treatment engineered with anti-corrosive zinc-phosphate pigments that prevents the development of rust. It is suitable for new or corroded metal. **REC COAT 216** stops rust that may have already formed and creates a highly effective barrier against the formation of new rust.

PRIMARY APPLICATIONS

- Prime a variety of metals including steel and galvanized iron.
- Superior anti-rust coating for new or corroded metal.
- Suitable for domestic, industrial and automotive uses, including priming of industrial steel framing, farm implements, tanks, roofs, handrails, window and door frames.

FEATURES/BENEFITS

- Superior corrosion resistant formula - contains Zinc Phosphate.
- Easy to use.
- Quick drying and can be handled within an hour.
- Solvent based.
- It has good flow and leveling properties, leaving the surface smooth and ready for paint.
- Good sanding and topcoat adhesion.
- It has no toxic fumes, so you can safely use it in a confined space.
- Cleaning your tools afterwards is easy - simply use water.
- Non-flammable and environment friendly.

TECHNICAL INFORMATION

Component	Single
Drying time	Surface: 1 hr at 25°C Hard: 6 hrs. at 25°C
Overcoating	48 hrs. at 25°C for solvent-based Topcoat. 4 hrs. at 25°C for acrylic Topcoat.
Volume Solids	48% to 52%
Wet film thickness	80 microns per coat
Dry film thickness	40 microns per coat
Application Temperature	5 – 40°C
Density	1.31 to 1.38 g/cm ³
Finishing	Matt
Toxicity	Non-Toxic

DIRECTIONS FOR USE

- Ensure all substrates are clean, sound, dry, and free from contaminants such as dirt, dust, mill scale, salts, algae, grease, oil, and loose or flaky crust.
- **Weathered Steel and Galvanized Iron:** Remove loose rust, corrosion products, and other poorly adherent material by suitable mechanical means such as sanding or wire brushing. Remove all dust and debris and allow the surface to dry thoroughly. Where the substrate has been exposed to a marine or salty environment, wash thoroughly with fresh water to remove soluble salts and allow to dry completely. Any grease, oil, or other oily contamination should be removed using REC Cleaner in accordance with the manufacturer's instructions. Ensure the surface is completely clean and dry before coating.
- **New Steel:** Remove mill scale, rust, and other surface contaminants by abrasive blasting. For optimum coating performance, abrasive blast to Sa 2½ in accordance with ISO 8501-1, with a suitable surface profile of approximately 40–50 µm. Remove all abrasive dust and ensure the prepared surface is clean and dry before priming. Where abrasive blasting is not practical, suitable mechanical preparation may be used, provided that the required degree of cleanliness and surface profile can be achieved.
- **New Galvanized Iron:** Clean the surface using REC Cleaner to remove oil, grease, dirt, and other contaminants. Rinse thoroughly with clean water until the surface is water-break-free, and allow it to dry completely. Apply appropriate REC Primer and allow it to dry before applying **REC COAT 216**. Apply the top coat within 3 days, provided the primer remains clean, dry, and free from contamination.

- Stir **REC COAT 216** well. Apply using a brush, roller or spray. Allow first coat of **REC COAT 216** to dry for at least one hour before applying a second coat. For best results always apply two coats. Leave **REC COAT 216** for minimum 48 hours to cure before applying a top coat.

CLEANING

Tools and equipment should be cleaned immediately after use with a cleaning solvent. Hardened materials can be cleaned mechanically only.

PACKAGING

REC COAT 216 is available in variety of packaging and can be supplied in pails, drums and tanks.

SHELF LIFE

1 years in original, unopened package.

HEALTH & SAFETY

Always wear protective clothing, gloves and safety goggles. Use with adequate ventilation. In case of any contact with skin, eyes, or swallowing, seek medical assistance immediately.

QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

DISCLAIMER

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RECKON CHEMICALS PRIVATE LIMITED
21 CCA, BLOCK B, KHAYABAN-E-AMIN, LAHORE
Tell: +92-42-35452620, +92-42-35230419
Web: www.reckonchemicals.com
Email: Info@reckonchemicals.com

