

REC ZINC GUARD 1900

HIGH SCRATCH, ABRASION, SALT-WATER, CHEMICAL, HEAT, MOISTURE AND ANTI-CORROSIVE GLOSSY PU PAINT/COATING

DESCRIPTION

It is a high performance one pack single component ready to use, fast drying heavy duty anti-corrosive polyurethane paint/coating. It has great bonding characteristics useful for a variety of metal substrates. It is a great replacement of tradition two- pack system based polyurethane paint (base: hardener). It can be applying top coat without any types of primer system.

Especially this coating is developed for highly-corrosive area like; high scratch, abrasion, salt-water, water, chemical, high heat, moisture & corrosion resistant application. When used as a direct-to-metal coating without a separate primer, **REC ZINC GUARD 1900** provides long-term corrosion protection and can significantly extend the service life of metal surfaces, particularly in highly corrosive environments.

REC ZINC GUARD 1900 offers unprecedented advancement in indoor & outdoor high corrosion protection. It provides a fast-drying coating in just few minutes and a hard protective barrier that allows visual inspection of the metal surface after application. It was designed for long-term anti-corrosive applications for all types of ferrous and non-ferrous metals surface including stainless steel, aluminum, copper, brass, galvanized metals, mild steel, CR (cold rolled sheet), HR (hot rolled sheet), casting metals in all types industrial, automotive & marine sectors etc.

In a two-coat application without any types of primer coating, it deposits a glossy finish very hard corrosion resistant layer that delivers 03-04 year's metal protection life in highly-corrosive area. The durable film provides extreme corrosion protection even in the toughest environments. Including long-term resistance to salt-water and salt spray, making this coating particularly useful in drilling, marine, industrial, and offshore. mining, automotive, sea-shore as well as export items for excellent salt-water resistance, scratch resistance, abrasion resistant, chemicals resistant, solvents fume resistant, high heat resistant (up-to 3000 C), moisture resistant, weather resistant, U/v resistant along with long-term anti-corrosion applications. It dries in just within five minutes in room temperature and will cover approximately 100 square feet more area in per liter.

PRIMARY APPLICATIONS

It is a multi- purpose PU paint/ coating suitable to all your requirements of high corrosion resistance applications especially, all types of newly & old factory painted metal structures, shades, beams, pipe lines, storage tanks, ladder/ platforms, legged angles, checker plate, effluent water tank, reactors, galvanized sheet, vessels, water pipelines, battery rooms, duct collector, machinery and equipment, cooling tower, ETP plant, STP storage tank, petro chemicals plants, pharmaceutical plants, steel plants, marine areas, bridges, export items, floor surface, RCC (wall) surface, SS (stainless steel), MS (mild steel), aluminum, cast iron, brass, copper, CR sheets, automobile's spare part, metal component, newly sand-blasted or short-blasted fabricated metals, maintenance work, motors, tubes, fans, nut/ bolts, engine components, automobile vehicles as (automotive paint), storage items as well as wooden surface etc.

FEATURES/BENEFITS

- Excellent PU coating for weather, water, salt-water, moisture, U/v & moisture resistance applications.
- High corrosion resist from chemical fumes with high salty area.
- Excellent corrosion resistance for next 03 to 04 years in highly-corrosive area.

- Excellent anti-corrosion coating for indoor & outdoor storage items, machinery & equipment.
- Excellent high heat resistant.
- Excellent high scratch & abrasion resistant without any types of primer coating.
- Excellent adhesion on FRP surface for high chemical resistant application.
- Excellent resist to oil, grease & soap water with hydrophobic nature.
- Does not require any special technique for its application.
- Provide excellent anti-corrosive clear coating for export items in marine area (sea-shore area).
- Easy to prepare (ready to use) and to apply, problem free as no mixing error can occur & no pot life.
- It can be use in light moist metal surface as excellent moisture-curing agent.
- Provides optimal indoor & outdoor rust protection without cracking or chipping of protective films after prolonged exposures to sunlight and salt water.

TECHNICAL INFORMATION

Color	All colors available as per requirement.
Flammability	Flammable
Coating Thickness	10-20 microns DFT per coat
Drying Time (air dry)	Touch Dry; 05 minutes
	Hard Dry; 24 hours
	Full Curing; 72 hours to 07 days
Finishing	Very hard glossy and smooth
Water Resistance	Excellent
Salt Water Resistance	Excellent
Chemical Resistance	Excellent
U/V & Weather Resistance	Excellent

DIRECTIONS FOR USE

REC ZINC GUARD 1900 is supplied in a single container in ready-to-use form. Before application, the paint should always be thoroughly shaken or stirred to ensure uniform consistency. It can be applied by brush, roller, dip, conventional air spray, or airless spray. The product is suitable for application to metal surfaces, as well as floors, wood, and RCC (reinforced cement concrete) wall surfaces. Where thinning is required, use toluene, xylene, or a suitable polyurethane (PU) thinner as recommended for the application method. For optimum performance and protection, two coats are recommended, with approximately 60 minutes between coats, subject to ambient conditions. No separate primer is required before application, as **REC ZINC GUARD 1900** is a ready-to-use, direct-to-metal (DTM), self-priming PU coating.

PACKAGING

REC ZINC GUARD 1900 is available in various packaging and can be supplied on request.

STORAGE

REC ZINC GUARD 1900 has a shelf life of one year when stored in warehouse conditions below 30°C in the original, unopened packs.

HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

QUALITY STATEMENT

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

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use. This Data Sheet version is the latest one. The company may modify it without any prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's head office located in Lahore.

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