



★ **PRODUCT NAME: PREBOND-220- (Acid, Alkali & Corrosion Resistant Paint)**

★ **PRODUCT OVERVIEW: PREBOND-220** is a high-performance premium grade single-component, ready-to-use DTM paint based on Si-PU (silicone modified polyurethane) and nano-zinc technology. This paint/coating provides simultaneous advance triple action process like rust conversion, anti-corrosion and strong chemical fumes resistance. Specially engineered for highly-corrosive C5-I (Industrial) and C5-M (Marine) corrosive-environments.

★ **KEY PERFORMANCE FEATURES:**

- High adhesion on all types iron steel and RCC concrete surfaces.
- Fast-drying, fast-curing with easy application process by brush, roller or spray,
- Eliminates two-component mixing, reducing application errors with a hassle-free coating process.
- An excellent replacement for conventional two-pack epoxy, PU and chlorinated rubber paint systems.
- One step protection for metal surface without primer with provides a durable long-lasting barrier against corrosion.

★ **THECHNICAL DATA SHEET:**

Property	Value
Colour	All RAL Shades Available
Finish	Tough, glossy and smooth finish up-to 60+ @ 30 deg
Viscosity	90±5 seconds cts
Solid Content	60% total solid by volume
DFT	60-75 um microns per Coat (120-150 um micron in 02 coats)
Drying Time	Touch Dry 10 Minutes and Hard Dry 03 hours, Full Cure-24 hours
Coverage	70-80 Sq. Ft. Per Liter in Single Coat
Adhesion (by cross hatch method)	Excellent (without degrading or losing coating properties)
Scratch Resistant	Excellent 1000 gms more (in single coat application)
Flexibility	Excellent Passes OT bend test
Oil & Heat Resistance	Excellent Up-to 180°C
Water, Moisture Resistant	Excellent (water-proof with hydrophobic nature)
U/v, Weather, Chemical Resistant	Excellent (without early gloss colour/shade retention) 02*-03* years
Salt Spray test (ASTM B117)	Passes the test (500 hours more in 02 coats application)



★ **TRIPLE ACTION PROTECTION:**

Technology	Benefit
Rust Converter	Stabilizes existing rust and improves adhesion
Anti-Corrosion Shield	Long-term protection against corrosion without primer
Chemical Resistant Barrier	Resists strong acid, alkali, chemical fumes and industrial pollutants

★ **RECOMMENDED COATING SYSTEM:**

In Normal Corrosive Areas	01 Coat (60–75 um Microns DFT) recommended
In Highly-corrosive & Acidic/alkaline Areas	02 Coats (120–150 um Microns DFT) recommended

★ **APPLICATIONS:** It is preferred a great choice to protect and preserve expensive industrial structures, shades, pipelines, machinery, beams, angel, purlin, tank, pipe-rack, crane, pump, valve, gratings, cooling tower, staircase, ETP, duct collector, agriculture equipment, PEB structures, RCC wall, highly-acidic-corrosive & marine areas etc.

★ **PACKING & STORAGE:** 20 Liters in Printed Mild Steel Drum.



For, more any other technical details of the products & our services, please contact us. +91-9011926733, +91-9307742241

alexindia20@gmail.com, www.acidresistantpaint.com, www.alexindia.in