

Total Coat Rust Prevention Coating

Description:

Total Coat RPC is a liquid plastic coating, water based, specially formulated as an exceptional rustproofing, corrosion and abrasion protection material. It combines a rust converter, primer and top coat in one product. It's an advanced mixture of synthetic polymers with outstanding adhesion properties on metals, fiberglass, wood and painted surfaces. Total Coat RPC is free of PVC's, VOC's, isocyanates and asbestos. Total Coat RPC substitutes traditional asphalt/rubber-based products, with a solvent-free, non-toxic, plastic product.



Application:

Spray directly out of the bottle with the recommended Chemicar RA/88 spray gun for best results. A cross-linked polymer coating of 0.5 mm to 0.65 mm thick (20 - 35 mils) maintains its original elasticity for many years without cracking or peeling.

Features:

- No solvent emissions. No over spray. No spray booth needed.
- Single-component product. Do not thin by adding water or solvents. No mixing or shaking required.
- Two-year shelf life. Keep from freezing.
- Non Flammable and odorless when cured.
- Paintable when fully cured.

Specifications	
Water based polymers	Aqueous synthetic dispersion, fillers and additives
Consistency	Viscous, good sag resistance
Specific Density (20 ° C)	1.45 g/cm ³
Brookfield Viscosity at 25 ° C, Spindle N°7	25,000 – 60,000 cPs at 25°C
Thixotropy:	5 or more
Shore Hardness A:	92-95
Gravel Resistance at 40 mils wet film thickness SAE-J400 5 pint @ 70psi, 45°	Pass (10)
Salt Spray ASTM-D117, at 20 to 40 mils wet film thickness : 1000 Hours on clean bare metal	Pass
Initial Adhesion ASTM-D3359	Pass
UV exposure ASTM G 154 (7 to 9 days)	Pass: No visible blistering, discoloration, loss of adhesion
Fluorescent Light bulb exposure (15 W G15T8)	Pass: No visible blistering, discoloration, loss of adhesion
Usage	1 bottle (1 QT) covers 16 - 20 sq. Ft.
Color standard	Black matte finish

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Chemicar USA cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the products suitability for their own applications.