

Total Coat Undercoating

Description:

Total Coat Undercoating is a liquid plastic coating, water based, specially formulated for the automotive industry, as an exceptional rustproofing, corrosion and abrasion protection material. It also provides sound deadening qualities. It's an advanced mix of synthetic polymers, free of PVC's, VOC's, isocyanates, asbestos, with outstanding adhesion properties on clean metals, fiberglass, wood and painted surfaces. Total Coat Undercoating substitutes traditional asphalt/rubber based products, with a solvent-free, non-toxic, plastic product.



Application:

Total Coat Undercoating is developed to be applied on clean bare metal, primed, painted or top coated surfaces. Spray directly out of the bottle with the recommended Total Coat RA/88 spray gun for best results. A cross-linked polymer coating of 0.5 mm to 0.65 mm thick (20 - 25 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.
- Three year shelf life. Keep from freezing.
- Non Flammable and odorless when cured.
- Reduces solar heat transfer
- 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.