



AMERIGARD PLUS

WAX BASE PERMANENT RUST PROOFING (AMBER)

AMERIGARD PLUS

AMERIGARD PLUS is a high quality rust proofing compound for new and recent model vehicles.

AMERIGARD PLUS can minimize problems of over spray while covering metallic surfaces with a polymeric semi-hard film that is both solid and durable. The nature of the product prevents the drying and dripping of **AMERIGARD PLUS**. It is recommended for the protection of all parts of vehicles susceptible to rust (except exhaust system).

Before application, all surfaces to be treated must be clear of mud, dirt, rust spots and any material, which could reduce the adhesion of the rust proofing product. **AMERIGARD PLUS** can however be applied to moist or damp surfaces. Closed areas such as rocker panels should have appropriate size holes drilled to permit the insertion of spray wands. These holes should be sealed afterward with plastic seals.

AMERIGARD PLUS should be applied with an air spray gun supplied by either a 15:1 or 12:1 ratio pump operating at a pressure of 240 to 340 kPa (35 to 50 psi) which will produce an operating pressure of 3060 to 4080 kPa (450 to 500 psi) at the end of the spray wand. Use of higher pressures could cause the product to fog and result in a wavy and uneven finished coat. The end of the wand or gun should be supplied with a tip of 455 to 535 microns (0.018 to 0.021 inch). For optimal protection against corrosion, a humid film of 100 to 125 microns (4 to 5 mils) should be applied.

Typical application will usually require between 2 and 5 litres of **AMERIGARD PLUS** (dependent on vehicle size and film thickness).

RECOMMENDATIONS

Under normal conditions, vehicles should not be driven for two hours following the application of **AMERIGARD PLUS**. This time period is required to permit the evaporation of the solvent and to obtain a firm coating. The coating will become waterproof after this period. The coating will become solid and will not soften the paint. It will remain both flexible and adhesive and will not crack, chip or peel under extreme temperatures. The coating can be removed with petroleum-based solvents such as mineral spirits.

TYPICAL PROPERTIES OF AMERIGARD PLUS

PROPERTIES	ASTM TEST	AMERIGARD PLUS
Product code	-	1001
Viscosity in cSt at 40°C	D445	5000 to 7000
Density in kg/dm ³ at 25°C	D1298	0,85
Flash Point in °C (minimum)	D92	52
Solid content in weight %	-	35
Appearance	-	Amber gel

ANTIRUST PERFORMANCE VS. DRY FILM THICKNESS

THICKNESS OF THE DRY FILM		DAYS BEFORE FAILURE	
MILS	MICRONS	ASTM B117	ASTM D1748
1,0	23	> 80	> 80

REMARK: Although the preceding values are typical properties, they do not represent guaranteed characteristics.

Notes

- 1) For superior results, surfaces must be clean and dry when applied.
- 2) These products can be removed with mineral spirits.
- 3) Always consult the material safety data sheet for security measure that must be taken before product application.
- 4) Application of oil based products may affect rubber, plastic, polymer and fiberglass components and garments. Avoid application on component, parts that get hot (muffler, engine) and brakes. Always, wipe out the product that may have been sprayed on these components.
- 5) Before storage, guns, tips and wands must be cleaned or rinsed with a petroleum based solvent (e.g., SOLVSPEC). For daily usage the gun and tips can be let to soak into petroleum based solvent.