

DuraSlic[®] SpeedCoat Spray-On Water-Based Ceramic Coating

INTRODUCTION

DuraSlic SpeedCoat is a water-based, ceramic coating for use on automobiles, trucks, and other transportation assets to impart gloss, hydrophobicity and protection from the elements.

ATTRIBUTES

- Outstanding Hydrophobic Properties
- "Easy-to-Clean" and Repels Most Materials
- DS 1500 Maintenance or Stand Alone
- Easiest-to-apply
- Clear, Glossy finish
- Environmentally Friendly Formula

TECHNOLOGY

SpeedCoat is a spray-on ceramic coating formulated to be easy to apply. The coating chemically bonds to the surface while forming a hydrophobic nanolayer to protect paint and enhance gloss. SpeedCoat has a robust, abrasion resistant surface that stands up to repeated cleaning.

PRE-CLEAN

The paint or metal surface should be completely clean of foreign materials. Painted surfaces should be cleaned to the level required for a superior paint application. If new, and not exposed to exterior conditions, clean with a no-residue detergent, rinse, dry and then wipe with DuraSlic **Panel Prep and Glass Wipe**. If the paint has been exposed to exterior conditions, further treatment may be necessary before these same steps. Metal surfaces will require the same cleaning steps.

APPLICATION

SpeedCoat is water-based spray that can be quickly applied by your DuraSlic detailer or by the DIY enthusiast. Surface should be clean and free of contaminants and dry. From about 12 inches away, spray an approximately 2 ft² area. Wipe with a clean microfiber cloth to remove most of the liquid. Then polish with another clean microfiber until a clear gloss is achieved.

PROPERTIES

SpeedCoat has been formulated with the latest water-based ceramic technology to provide a water contact angle of 105°, insuring a high level of repellency. UV protection is also imparted for the life of the coating.

TEST RESULTS

| Physical Properties | Values |
|-----------------------------|------------------------|
| Appearance | Clear High Gloss |
| Specific Gravity @ 23°C | 1.01 g/cm ³ |
| Viscosity @ 23°C | 3-5 cP |
| Nonvolatile content | 5 % |
| Static contact angle, water | 105° |
| Dry Time | 20-30 minutes |
| Film Thickness | 100-150 nm |

ENVIRONMENTAL

DuraSlic coating solvents are not classified as VOCs and have been determined not to add to global warming. They use no Perfluorooctanoic acid (PFOA), a substance currently being investigated by the EPA. DuraSlic coatings are ECNA, REACH, RoHS and RoHS II compliant.

