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DuraSlic® Ease Ceramic Coating

INTRODUCTION

DuraSlic Ease is a revolutionary ceramic coating, engineered with the detailing professional in mind. Ease is the first ceramic coating that can be applied to the **entire vehicle** before leveling off the excess. An entire car or truck can be coated in one pass.

DuraSlic Ease eliminates the hassle of applying ceramic coating to small areas or single panels and then waiting for a rainbow effect before proceeding. Blending one section with another is no longer necessary. Significant time is saved in the application process, simplifying the entire installation. Once applied and cured, DuraSlic Ease ceramic coating provides outstanding performance properties.

ATTRIBUTES

- Outstanding Hydrophobicity, Slickness
- Excellent Water Beading and Sheeting
- 5-Year Protection
- "Easy-to-Clean" and Repels Most Materials Including Salt, Mag Chloride, Bird Droppings, Tar, Dirt
- Molecular Bond to Painted or Metallic Surfaces.
- High Film Hardness
- Can be applied to entire vehicle before leveling
- Clear, Glossy finish

TECHNOLOGY

Ease is truly a breakthrough in ceramic coating technology. It is the first hand-applied ceramic coating that can be applied to an entire vehicle (regardless of size) prior to leveling. The solvents dry quickly leaving behind a residue. The residue can be removed anytime within 90 minutes, resulting in a high gloss finish. Once the residue is removed, the coating begins to cross link forming a chemical bond to the substrate. A slick wear layer forms on the contact surface. Ease has a robust, abrasion resistant surface that stands up to repeated washing as shown in the attached data.

PRE-CLEAN

The paint or metal surface should be completely clean of foreign materials. Painted surfaces should be cleaned to the level required for superior adhesion. If new, and not exposed to exterior conditions, clean with a no-residue detergent, rinse and dry. Apply iron remover to paint and wash and rinse thoroughly. Using clay or clay pad, remove any contaminants and smooth out all painted surfaces to allow Ease to adhere to the paint and create a complete continuous coat. After the correction process, clean with DuraSlic **Panel Prep and Glass Wipe** in order to remove any remaining compound or polish from all surfaces.

APPLICATION

Application performance is highly based on temperature and humidity. Ideal conditions for application are 70-80F (21-27C) and 40-60% relative humidity. Do not apply in direct sunlight or high wind conditions. This will cause solvents to evaporate unevenly. It is preferred, to apply indoors in a controlled environment. It is normal for Ease to separate over time, so always shake the bottle lightly prior to application.

Please wear rubber gloves for protection. Shake well before using. Apply ample amount of coating to DuraSlic applicator. With even pressure using crosshatch pattern. Work panel by panel coating the entire vehicle thoroughly (apply to glass separately as this will have a different cure time, check at 15 minutes).

DuraSlic is a global leader in advanced materials and technologies.
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Note - The coating will haze/flash quickly and may have a dry appearance at this time. This is part of the bonding process.

At 45-60 minutes, use a soft, clean microfiber towel to test removal in a small section. If the coating removes easily, then proceed to remove excess material from the remainder of the vehicle. If the coating is streaky or wet, then set your timer for another 15 minutes and test again.

We believe in a 2-towel method to complete application. Use a soft, clean microfiber towel to level the coating, & a second towel to buff away any excess.

Do not allow excess coating to dry on surface.

For best results, do not expose coated surface to moisture for 24 hours and allow 2 weeks before exposing the surface to chemicals.

CURING

Ease will dry to tack free very quickly after application. The coating begins to cure as soon as the residue is removed. The coating will reach 7H hardness after 18 hours and will fully cure to 10H hardness in 3 days at room temperature. Rain-ready in 24 hours.

TEST RESULTS

| Physical Properties | Values |
|------------------------------|--------------------------|
| Appearance | Clear High Gloss |
| Specific Gravity @ 23°C | 1.02 g/cm ³ |
| Viscosity @ 23°C | 3-5 cP |
| Nonvolatile content | 6% |
| Static contact angle, water | 102 Degrees |
| Dry Time | Dries almost immediately |
| Film Thickness | 150-200 nm |
| Pencil Hardness (Mitsubishi) | 10H* |
| Sliding Angle** (degrees) | 26 |

* Bulk polymer properties.



DuraSlic Ease Performance

