



LUMINARY CHEMICAL

LUMINARY AUTOMOTIVE

Introduction



Nanotechnology-Based Surface Coating.
Specifically Formulated For Automotive Body.

English

INTRODUCTION

Luminary Automotive Barrier features the latest innovations in ceramic nanotechnology to create a durable, long lasting, high gloss, hydrophobic and self-cleaning barrier on automotive paint.

By utilizing Luminary Automotive Barrier, the surface is smoothed out and coated at a nano-level with a proprietary ceramic coating. Typical Ceramic coatings are difficult to apply, and when not properly applied may damage automotive paint. With Luminary Automotive Barrier, you run no risk of paint blemishes, sticking, under or over-application that become counter productive to your vehicle.

Luminary Automotive Barrier is an easy to apply cream that reduces scratches and imparts a highly hydrophobic, durable, gloss cream on automotive exteriors. The coating leaves a haze, allowing the applicator to easily distinguish between the treated and untreated automotive exterior. The cream may be left on the vehicle indefinitely, allowing you to coat the entire vehicle in a single step, followed by buffing.

Performance:

Vehicles treated with Luminary Automotive Barrier become:

- Superhydrophobic
- Resistant to Acid Rain
- UV Resistant
- Resistant to Salt
- Resistant to Aerosols
- Self Cleaning
- Ultra Glossy
- Easier to Clean
- Scratch Resistant

Features:

- **Scratch Resistance:** Minor scratches and surface blemishes are reduced.
- **Self-Cleaning:** Treated surfaces clean themselves as it rains. Dirt and debris is easier to remove.
- **Enhanced Paint:** The paint is revitalized upon application.
- **Corrosion / Oxidization Resistance:** Paint is protected from oxidization and corrosion.

Application Instructions

1. Ensure the vehicle is free of soap, residues, and grime by pressure washing or a simply wiping with alcohol.
2. Apply Luminary Automotive Barrier liberally to the vehicle, covering the entire vehicle prior to buffing. Luminary Automotive Barrier leaves a haze, allow you to see where the product has been applied.
3. Buff Luminary Automotive Barrier with a microfibre, revealing a high-gloss finish. Hydrophobic performance begins within hours of application.

*For more detailed instructions, consult our user's manual guide.

PRODUCT DESCRIPTION

Luminary Automotive Barrier is a coating system specifically formulated with ceramic and quartz nanoparticles. It can be applied to all exterior parts of cars, motorcycles, trucks, heavy machinery, boats, marine equipment, and other vehicles. It's truly unique as it's neither a wax, nor a traditional ceramic coating, designed for detailers and enthusiasts alike.

Luminary Automotive Barrier's ease of application is revolutionary in the automotive industry. While typical waxes can be easy to apply, effects last only a few weeks. Luminary Automotive Barrier lasts up to 2 years. And while Ceramic coatings provide a durable high-gloss, hydrophobic finish, application can take up to 6 hours and can damage paint if not skillfully applied. Luminary Automotive Barrier can save up to 90% of the application time compared to typical ceramic coatings, and can be left on the surface as long as needed with no risk to the paint.

Features

- **Strong.**
"Ceramic 9H" is a common buzzword in the automotive cleaning industry. Luminary Automotive Barrier is engineered using a proprietary formulation of ceramic and quartz nanoparticles to achieve the "industry standard" of 9H Hardness.
- **Permanent.**
Through extensive research and development, Luminary Automotive Barrier has been formulated to be a permanent coating. If applied properly or by a professional, the nanocoating will last the lifespan of the vehicle, and require less maintenance and cleaning over time.
- **Self Cleaning.**
Luminary Automotive Barrier provides a contact angle greater than 120°, which means water, dirt, oils, and other contaminants roll off with ease. Superhydrophobicity ensures that regular contaminants are not able to stick onto the surface, keeping it cleaner for longer.

Attribute	Description
Scratch Resistance	Luminary Automotive Barrier is tested up to 9H Hardness.
Chemical Resistance	Luminary Automotive Barrier is resistant within pH of 2 to 11.
Contact Angle	Superhydrophobic / self cleaning with a contact angle of over 120°.
Surface Properties	Extreme shine (mirror effect), smooth and slick surface.
Lifespan	Luminary Automotive Barrier is permanent, if applied according to specifications herein, or applied by a professional auto detailer.