

# TECHNICAL SPECIFICATIONS



## SILEX SHIELD 10H CERAMIC COATING ULTRA

REFERENCE: 161-0015-100



### DESCRIPTION

Introducing **Symplex® Silex Shield 10H**, our latest innovation in ultra-durable ceramic coatings, featuring an advanced SiO<sub>2</sub> formula at peak concentration. Comprising over 70% ceramic resins, Shield 10H is meticulously crafted for the professional detailer. This exclusive ultra-concentrated SiO<sub>2</sub> formula creates a robust, mirror-like transparent layer with an unparalleled 10H hardness, coupled with outstanding hydrophobic, detergent-resistant, and acid-resistant properties.

### KEY FEATURES:

- **Unrivaled SiO<sub>2</sub> Concentration:** Silex Shield 10H incorporates a high concentration of SiO<sub>2</sub>, ensuring a superior protective coating.
- **Extreme 10H Hardness:** The resulting coating forms a resilient layer with an extraordinary 10H hardness, providing maximum defense against various environmental elements.
- **Hydrophobic Excellence:** The advanced formulation delivers exceptional hydrophobic characteristics, enhancing water repellency for prolonged protection.
- **Detergent and Acid Resistance:** Silex Shield 10H withstands the majority of detergents and acids, ensuring sustained protection against potential damage.
- **UV Protection:** Safeguarding against paint damage and sun-induced discoloration, Shield 10H preserves the vehicle's aesthetic appeal over time.

### PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Liquid.
- Color: Clear.
- Odor: Penetrating Like-solvent.
- Product shell life: 1 year "Unopened bottle".

### APPLICATION TECHNIQUES

- Dispense several drops of the coating onto the specialized Symplex Ceramic applicator to thoroughly saturate it.
- Employ a cross-hatch technique pattern with slight overlapping to work the coating into the surface, ensuring comprehensive coverage.
- Allow the coating to flash or rest for a minimum of 45 seconds to 1 minute or until a rainbow flash effect becomes noticeable.
- Begin the gentle process of cleaning and leveling using 2 microfibers until a completely level state is achieved. Apply minimal pressure when using the microfiber in this process.
- Avoid contact with water for 24 hours during the curing process. If additional coats are desired, allow at least one hour between applications.
- Refrain from applying the coating in direct sunlight or on a hot surface to ensure optimal results.
- The curing time is contingent on environmental conditions. Test the product on a small, inconspicuous area beforehand to determine the specific curing time.
- Apply in closed areas.

### CONTAINERS

100 mil. bottle is made of glass. It also provides a metering plastic cap in order to facilitate the closure of the container, preventing contamination, drying of the product, permit reopening, accurate and simple dosing.

### HANDLING AND STORAGE

See the Safety Data Sheet (MSDS)

### PREVENTIVE INFORMATION


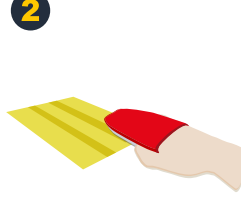
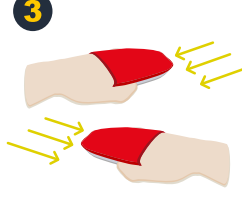


See product label and Material Safety Data Sheet for health and safety information before using this product.

### WARRANTY AND LIMITATION OF RESOURCES

**Technical Information:** The technical information, recommendations, and other statements contained in this document are based upon tests or experience that Symplex® considered reliable, but the accuracy of such information or exhaustive is not guaranteed.

**Product Use:** Many factors beyond the control of Symplex® and only the user's knowledge and control can affect the use and performance of a product in a particular application Symplex®. Given the variety of factors that can affect the use and performance of a product, the user is solely responsible for evaluating the Symplex® product and determine whether it is fit for a particular purpose and suitable for the method of application.

### HOW TO USE

<b>1</b>  Using a special ceramic coating applicator put a few drops	<b>2</b>  Use the 30% overlapping technique, change the direction and apply evenly	<b>3</b>  Apply a second coat using cross-hatch pattern procedure changing the direction
<b>4</b>  Let it cure for at least 45 seconds to 1 minute		<b>5</b>  Remove the excess with a clean, low pile microfiber towel. Do not apply too much pressure. This procedure is just to leveling the surface