



Technical Data Sheet (TDS)

Issued by:

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OEM AUTO GLASS WATER REPELLENT COATING

Product Lineup

- OEM Auto Glass Water Repellent Coating 15ml
- OEM Auto Glass Water Repellent Coating 30ml
- OEM Auto Glass Water Repellent Coating 50ml
- OEM Auto Glass Water Repellent Coating 80ml
- OEM Auto Glass Water Repellent Coating 250ml
- OEM Auto Glass Water Repellent Coating 500ml
- OEM Auto Glass Water Repellent Coating 1L (500ml × 2)
- OEM Auto Glass Water Repellent Coating 4L
- OEM Auto Glass Water Repellent Coating 18L

1. Product Concept

This professional-grade fluorine-based coating is designed for automotive glass surfaces such as windshields and side windows.

It provides strong water repellency, anti-stain protection, and abrasion resistance, ensuring clear



visibility even in heavy rain.

The coating forms a durable hydrophobic layer lasting up to six months, improving safety and reducing wiper usage.

2. Composition & Key Features

- Type: Fluorine-based glass coating
- Form: Liquid
- Recommended Usage Amount: Approx. 10 ml per vehicle
- Applicable Materials: Automotive glass (tempered or laminated)

Key Features

- Advanced fluorine chemistry for superior repellency, stain resistance, and durability.
- Provides a clear field of vision during rain.
- Water beads and slides off easily with airflow while driving.
- Reduces haze, water spots, and adhesion of dirt or oil.
- Proven high abrasion resistance under real driving conditions.

3. Performance & Characteristics

Water Repellency

Creates a high-density hydrophobic film that repels water instantly, maintaining visibility even at low speeds.

Restoration of Water Repellency & Anti-Soiling Performance

Prevents buildup of contaminants such as exhaust residue, oil, bird droppings, and tree sap, helping maintain long-term glass clarity.

Durability

Maintains strong repellency for approximately six months.

Excellent weather and abrasion resistance confirmed through practical testing.



4. Recommended Application Areas

- Windshield
- Side windows
- Rear window
- Sunroof

5. Application Method

1. Thoroughly clean and degrease the glass before application.
2. Apply evenly on the dry surface using a sponge or applicator.
3. Allow 10–15 minutes to dry, then wipe off with a clean cloth.
4. Finish by lightly wiping with a damp microfiber cloth.

(Ensure complete removal of any old water-repellent or oil film before application for best adhesion.)

6. Precautions During Application

- Do not apply under direct sunlight or on hot glass.
- Avoid applying in rainy or humid conditions.
- Remove any existing water repellents before application.
- Avoid wiper operation and car washing for 24 hours after application to allow full curing.

7. Summary of Product Properties

- Product Type: Fluorine-based water-repellent coating
- Form: Liquid
- Usage per Vehicle: Approx. 10 ml
- Durability: Approx. 6 months



- Applicable Materials: Automotive glass
- Country of Origin: Japan

8. Remarks

- For automotive glass only. Do not use on plastic, mirrors, or painted surfaces.
- Avoid contact with water until fully cured (approx. 24 hours).
- This document is based on internal testing and field data; performance is not guaranteed.

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Specifications and details are subject to change without prior notice.