

ION GLASS



A professional-grade, fluorine-free ion-exchange coating for automotive glass and windows, delivering exceptional water repellency, optical clarity, and durable protection. PFAS-free yet highly hydrophobic, it ensures environmental compliance while improving visibility in adverse weather and enhancing driving safety.

PRODUCT IDENTIFICATION

PROFESSIONAL USE ONLY

PRODUCT NAME	TYPE	MANUFACTURER	ORIGIN
Ceramic Pro ION Glass	Ion-exchange glass coating	Nanoshine Group Corp.	Taiwan

PROPERTIES

FINISH

The finish of Ceramic Pro ION Glass is glossy and transparent.

SUGGESTED APPLICATIONS

Ceramic Pro ION GLASS is used for all glass surfaces, windows and windshield protection.

CURING CONDITIONS

Allow the coating to air dry. Coated surfaces will be tack-free in approximately 10 minutes. During this period the coating remains wet, so contact with the surface should be avoided. The coating reaches handling strength 24 hours after application, after which the vehicle may be delivered to the customer. Full chemical cure is achieved after 5+ days; this period is recommended before conducting advanced testing such as chemical resistance.

WORKING METHOD

Apply Ceramic Pro ION Glass using the supplied green microfiber towel, keeping the surface fully wet throughout. Work in a crosshatch pattern (horizontal and vertical strokes) to ensure complete coverage. Wait at least 10 minutes, then remove the residue with a clean, dry microfiber cloth. A second layer may be applied immediately afterwards - no 60-minute wait is required - and removed after a further 10 minutes with a dry microfiber cloth.

STORAGE & PACKAGING

Ceramic Pro ION Glass is available in a 50 ml bottle. It is a single-component material requiring no hardener. The product is stable at room temperature and does not require low-temperature storage. Shelf life is 2 years at room temperature in a sealed container. Once opened, use as soon as possible.

CONSUMPTION

10-15 ml is required per square metre on glass surfaces, per layer.

IMPORTANT

Ensure the surface is completely dry before application. Residual moisture - particularly beneath mouldings, seals and rubber trim - compromises adhesion and coating performance. Remove trapped moisture with compressed air prior to application.

If the product is unintentionally applied to non-glass surfaces, no special action is required: it will not bond to such surfaces and can simply be wiped off.

FEATURES

- Semi-permanent water repellent coating
- 100% PFAS-free formula
- REACH compliant
- High hydrophobic performance
- Up to 365 days protection
- Enhanced abrasion resistance
- Superior optical clarity
- No oily film effect

TECHNICAL DATA

TYPE:	Permanent, ion-exchange
BASE:	Solvent based
APPEARANCE:	Clear and transparent
WATER CONTACT ANGLE:	125°
AIR CURE:	10 minutes at 25°C (tack free) 1 day at 25°C (full dry)
THERMAL CURE:	60 minutes at 130°C 30 minutes at 200°C
CONSUMPTION:	10-15 ml per m ² per layer
THICKNESS:	0.1 micron by wiping
ABRASION RESISTANCE:	>500 Cycles
DURABILITY:	2x higher than original version

TEST RESULTS

Ceramic Pro ION GLASS has been exposed to SGS tests. SGS is the world's largest and leading inspection, verification, testing and certification company trusted by millions.

INDUSTRIES

AUTOMOTIVE

REAL ESTATE

AVIATION

CONSTRUCTION

USAGE AREAS

EXTERIOR

PACKAGE

50 ml Bottle in branded premium box