



GLASSHIELD

Application and Specifications

Application

- Please visit the website before applying the product. Suggest ensuring that temperature and relative humidity (RH) values (+5°C ~ + 30°C / 41°F ~ 86°F / 50% RH) of application space are as close as possible to suggested conditions to achieve maximum product performance. Avoid direct sunlight during the application and only work on cool surfaces. The surface should be free of any dust, dirt, or water.
- Prepare the surface by using Nasiol Clean to remove any residual contamination and dry with a lint-free microfiber cloth prior to the use of the product.
- Before using the product, wear the protective nitrile gloves included in the box. Consumption is 5mL/m². Spray on one square meter around 20 times with a standard GlasShield bottle and buff immediately with Nasiol Cotton Cloth. Do not use a microfiber cloth for applying.
- Keep the coated surface away from direct sunlight, dust, water, and contamination during 24 hours curing period. After usage turn the bottle upside down and spray out till the sprayer is empty.

Specifications

Packaging	50 mL
Appearance	Colorless liquid
Durability	Up to 2 years / 45.000 km / 80.000 wiper blades
Chemical Resistance	13>pH>1
Salt Water Resistance	Yes
Moisture Resistance	Yes
Transparency	99%
Dry Film Thickness	75-100 nm
Consumption per Unit Area	5 mL/m ²
Density @23°C	0.81 g/cm ³
pH Value	2
Light Refractive Index	1.625 (Glass)
Application Temperature	5°C-30°C (≤50% RH)
Temperature Durability	275°C
Water Contact Angle	106° @10 μL
Water Contact Angle After “3000 Wet Scrub (ISO-11998:2006)	100° @10 μL
Water Sliding Angle	15° @20 μL
Oil Contact Angle	84° @10 μL
Dry-to-Touch Time	3 h
Volatile Organic Compound (VOC) (ASTM D-2369)	786 g/L (97%)
REACH Compliance	Yes