

## Major Applications

Next generation Nano - Ceramic Coatings for,

- ✓ Clear automotive finishes
- ✓ Automotive PPF & vinyl films
- ✓ Aircraft protective applications
- ✓ Marine protective applications
- ✓ Both ferrous and non-ferrous metals and alloys
- ✓ Corrosion resistant applications

# ONYX

COATING



LIFETIME WARRANTY

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COATING

## GRAPHENE 10H & N1

The 1st Real Certified  
10H Nano Coating Product with  
N1 smoothness level that  
stays for a lifetime.

## GRAPHENE 10H

### Product Overview

Graphene Nano Coat Series are next-generation ceramic coatings suitable for paint, plastic, metals, aluminums. The coatings can be easily applied by using applicators. Our patented technology allows the coatings to deeply penetrate the surface and form a secure and tight bond, thus creating a thick ceramic protective layer. The flashing time for the product varies according to the temperature of the surface and the surrounding humidity levels. We highly recommend finding the correct application time before usage. The initial cure will be ready within 2~5 hours after application, the full cure will take 14 days in room temperature, build-up time: 4~6 days.

This product has outstanding chemical resistance, gloss, hardness, sleekness, and water repellency.

### Technical Data

→ APPEARANCE	Clear
→ FINISH	Outstanding Gloss
→ CHEMICAL RESISTANCE	Grade 5 (Min 0 Max 5)
→ COVERAGE	108 sqft / 1.8 ounce (50 ml)
→ SHELF LIFE	12 months from manufacturing date when unopened and stored dry at 18° C (64° F) to 23° C (73° F)
→ DURABILITY	Lifetime with condition of proper maintenance
→ PENCIL HARDNESS	10H
→ FILM THICKNESS	800~1000nm
→ SALT SPRAY (ASTM B117)	@ 35° C (95° F), 5% salt concentration, > 400 hrs to first Signs of corrosion
→ ADHESION CROSS - CUT TAPE (ASTM D33)	5b (0%, none)
→ MANDREL BEND (ASTMD522)	0% @ 180° rotation
→ IMPACT (ASTM D2794)	80/80 in/lbs
→ WATER REPELLENCY	120° at 20 µL, glass
→ OIL REPELLENCY	90° at 20 µL, glass
→ ROLL-OFF ANGLE	4~8° at 20 µL, glass