CERAMIC PRO

SMART X



SMART X PPF provides reliable protection against everyday road hazards, minor scratches, and environmental contaminants while preserving the original appearance of the paint. Thicker and stronger for highways, rough roads, and high-impact areas — an excellent solution for installers and customers seeking extra protection at an affordable price, with UV identification built into the film.

PRODUCT IDENTIFICATION

PRODUCT NAME	TYPE	MANUFACTURER
Smart X	Paint Protection Film	Nanoshine Group Corp.

PROPERTIES

THICKNESS **210** ±5 µm	GLOSS **>92** GU
TENSILE STRENGTH **>21** MPA	ELONGATION AT BREAK **≥340** %
PEEL ADHESION **630** N/M	ΔE **≤2**
TEMP. RESISTANCE **-40/+120** °C	APPLICATION TEMP. **13-32** °C

APPLICATION METHOD
WET ONLY

FEATURES

- Increased thickness for impact protection
- Rich gloss and deep paint color
- Hydrophilic, heat-healing top coat
- UV identification built into the film
- Wide operating temperature range
- REACH SVHC compliant (SGS)

The Ceramic Pro logo and film name are printed between the TPU and the adhesive. Invisible in normal light, they show under UV light on every protected panel — a simple way to confirm the film used.

COMPOSITION

Cap Sheet	—
Top Coat	8 µm
TPU Base Film	175 µm
Adhesive	30 µm
Release Liner	PET



LAB TESTS

UV TEST 1,500 H
Pass

Manufacturer data. Results may vary with conditions of use.

IMPORTANT

The top coat provides basic resistance to common contaminants, but it is not a long-term anti-stain or self-cleaning coating. Remove bird droppings, tree sap, insect residue and similar contaminants promptly to prevent staining. For hydrophobic performance and longer-lasting protection, apply a Ceramic Pro coating over the film.

All testing must be performed on neutral test surfaces — never on a customer's vehicle. Nanoshine Group accepts no liability for damage, loss or expense arising from tests performed with third-party products, materials or equipment, or carried out contrary to these instructions.

INDUSTRIES	USAGE AREAS	ROLL SIZE	PACKAGE
AUTOMOTIVE · MARINE · CONSTRUCTION	EXTERIOR · INTERIOR	**1.52 × 15** M	Branded carton box

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