

## TECHNICAL DATA SHEET



### ADVANCE PROTECTION FOR THE WORLD'S HARSHEST CLIMATES AND ROADS



#### **Self-Healing**

Phantom Signature's advanced self-healing layer works with heat to eliminate scratches and swirl marks, ensuring your vehicle always looks flawless.



#### **Impact** Resistance

Designed to shield against stones, gravel, and road debris, Phantom Signature provides unbeatable protection from everyday road hazards.

Where Protection Meets Endurance



#### Stain Resistance

The signature nano-coating actively repels dust, dirt, and stains, keeping your vehicle cleaner for longer and preserving its pristine finish.



## Nano Technology

Thanks to its hydrophilic properties, water sheets off the film, carrying dirt and grime with it, providing a low-maintenance, self-cleaning effect.

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# **PHANTOM**SIGNATURE

#### PAINT PROTECTION FILM

X-Shield Phantom Signature is engineered using cutting-edge X-Shield Perhydropolysilazanes (PHPS) Resin technology, delivering superior protection against the harshest elements. Whether facing road salt, gravel, snow, or acid rain, Phantom Signature keeps your vehicle's paint pristine, shielding it from chips, scratches, and corrosion. Designed to excel in all environments, from urban streets to rugged rural roads, it provides peace of mind throughout the year.

With excellent stretchability, a high-gloss finish, and no orange peel effect, Phantom Signature offers a smooth, crystal-clear appearance. Our proprietary formula ensures resistance to yellowing even with prolonged extreme UV exposure. The film's state-of art hydrophilic nano-coating allows water to sheet off the surface, carrying away dirt and grime, which prevents water spots and keeps your vehicle cleaner for longer with its self-cleaning properties.



#### **MATERIAL**

Phantom Signature is crafted from biodegradable, aliphatic Thermoplastic Polyurethane (TPU). Its durability, combined with superior resistance to environmental factors like UV, road salt, and grime, makes it ideal for protecting vehicles across tough roads and diverse climates.



#### **WARRANTY**

Phantom Signature comes with a 10-year warranty on installation, backed by our trusted installers. This warranty ensures that the film will remain securely adhered to the surface for the entire period. The warranty begins upon the date of installation and applies only to factory-original paintwork. It is non-transferable and exclusively valid for the original customer.

#### **Expected Durability**

Phantom Signature is engineered for long-lasting performance, with an expected durability of up to 12 years. This covers protection against excessive yellowing and permanent staining. Should any material defects arise, X-Shield will replace the film. The warranty is limited to the value of the original product purchase and does not cover damage from improper use, installation errors, accidents, or normal wear and tear. Dents or tears caused by stones or road debris are also excluded.

#### **Technical Specification**

Our recommendations and technical data are based on rigorous testing, which we believe to be reliable. However, exact performance may vary due to factors beyond our control.

#### Limited Liability

X-Shield is not liable for any direct, indirect, special, or incidental damages related to the use of Phantom Signature, whether based on warranty, contract, negligence, or other legal grounds.

#### **Technical Data**

Nominal Thickness	7.5mil/190.5micron
Size	1.52*15.24m/ 60 in x 50 ft
Base Material	Bostik AROSET™
Top Coat	X-Shield PHPS
Top Coat Type	Hydrophilic/ Heat Healing
Shelf Life	12 months

## X SHIELD, INC.

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