

# Diamond Shield Gloss

## High performance gloss surface protection film with self-healing characteristics.

A self-adhesive paint protection film for hard surface applications across a variety of industries including; Automotive, Renewable Energy, Transport, Technology and Leisure. All Diamond Shield films can be applied to other hard surfaces requiring defence against damage caused by scratches, stone chips and abrasion.

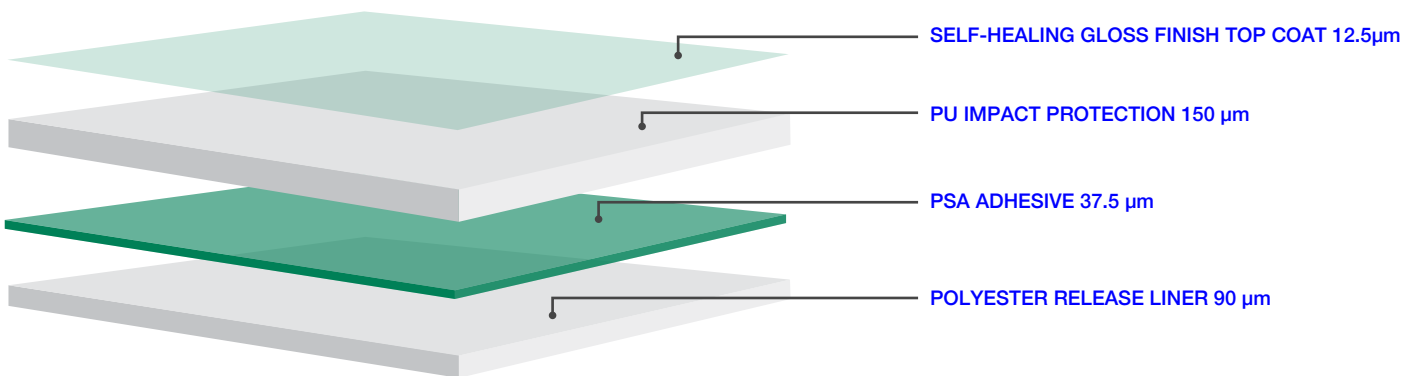
Advanced self-healing top coat technology enables the top surface to repair itself following minor damage or scratches, also resisting environmental staining while retaining the original gloss appearance.

Increasing the temperature of the affected area allows the film to revert back to original top surface finish, following installers advice.

Bond-A-Shield film has been specially developed to withstand the effects of weathering for a minimum of 7 years outdoor exposure.

Packed film product; 15mtrs x 1540mm; Supplied on end caps sealed in individual packaging;  
 For optimum results, product should be installed by a Diamond Shield approved professional.

### Product Construction



### Product specifications and test methods

	<b>Thickness [ +/- 5% ]</b> Top coat Film Adhesive	<b>Value</b> 12.5 µm 150 µm 37.5 µm
ASTMD638-95 ASTMD3170	<b>Mechanical Properties</b> Force at break Elongation at break Stone-Chip-Resistance	<b>Value</b> 42 MPa >700 % Passed
DIN-EN ISO 2813	<b>Optical properties [%]</b> Haze Gloss Discoloration	<b>Value</b> < 2 % > 80 < 2 %
EN-ISO4892-2	Weathering	<b>Value</b> Passed (no change)

### Adhesive properties

	Peel from stainless steel [N/m]					Peel from HDPE [N/m]	
<b>Tack N/m</b>	<b>547</b>	<b>701</b>	<b>722</b>	<b>985</b>	<b>963</b>	<b>66</b>	<b>77</b>

Details: Packed film product; 15mtrs x 1540mm; Supplied on end caps sealed in individual packaging;  
 For optimum results, product should be installed by a professional.

**PRIMARY PROTECTION KIT**

A compact but effective wrap, covering immediate areas vulnerable to stone chip damage, abrasion and impact from everyday wear and tear.

**INTERMEDIATE PROTECTION KIT**

A full front wrap, covering the entire bonnet and sides of the leading edge of the vehicle. This will offer a level of protection against impact from everyday wear and tear.

**COMPLETE PROTECTION KIT**

The most popular option to achieve a gloss finish over the entire exterior surface. This will offer full body protection against wear and tear caused by minor impact or weathering. The preferred choice to maintain the immaculate appearance of a new, or newly painted surface finish.