

# Diamond Shield Matte

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

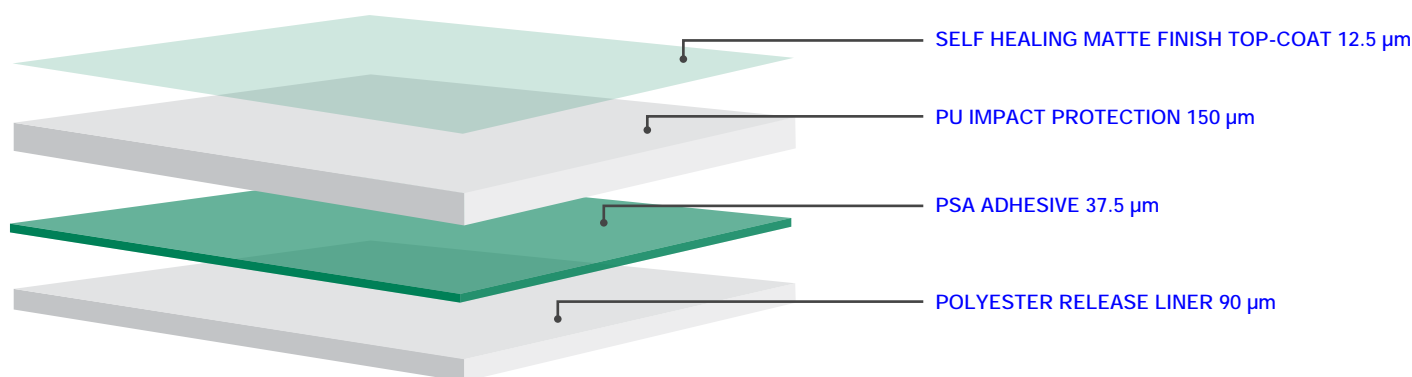
A self-adhesive paint protection film for primarily automotive applications. The matte finish not only protects, but enhances the appearance of the surface to which it is applied. All Diamond Shield products can be applied to other hard surfaces requiring defence against damage caused by scratches, stone 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 matte 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

	Thickness [+/- 5%]	Value
	Top coat	12.5 µm
	Film	150 µm
	Adhesive	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]	
Tack N/m	547	701	722	985	963	66	77

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For optimum results, product should be installed by a professional.

**BESPOKE KIT**

A tailored wrap made to suit customer requirements. Adding a matte finish to certain areas or panels can create a truly individual look on the bodywork, whilst offering premium impact protection on these areas. Can be used alongside Diamond Shield Gloss to achieve full body protection, with individuality of a satin matte aspect where desired.

**COMPLETE PROTECTION KIT**

The most popular option to achieve a matte 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, whilst achieving a unique satin matte appearance.