

PAINT PROTECTION FILM (PPF) M

TECHNICAL DATA SHEET



SunTek® PPF M offers breakthrough technology for paint protection applications utilizing an advanced, self-healing, solvent resistant top-coat formulation allowing for easy installation as well as increased longevity. The product is backed by a manufacturer's 5-year limited warranty covering cracking, bubbling or discolouring and is available in 18", 24", 30", 36", 48", 60" widths.

FEATURES & BENEFITS

- Provides invisible protection from damage caused by rocks, salt, insects, and other road debris
- A proprietary, self-healing top-coat that is scratch and crack resistant
- Transforms the appearance of traditional paint to a matte finish when using PPF Matte
- Excellent optical clarity
- Manufacturer's 5-year limited warranty*

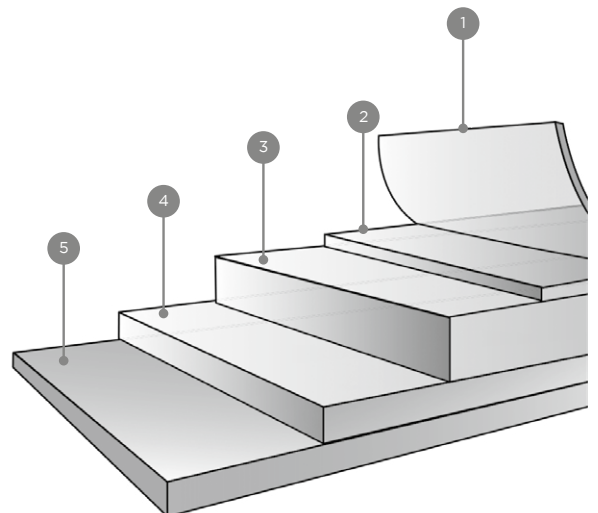
* Certain restrictions apply.

APPLICATION & STORAGE

- For detailed product information and installation videos of SunTek Paint Protection Films visit our website:
UK: www.suntek.co.uk
Outside UK: www.suntekeurope.com
- Recommended installation environment temperature should be within 15.5° C to 32° C
- Recommended installation solution (tack solution): (less than) 10% Isopropyl alcohol + 90% distilled water
- Required product storage conditions of 15.5° C to 32° C

PRODUCT CONSTRUCTION

- 1 Protective Cap Sheet
PET based protective cap sheet
- 2 Top Coat
Flexible, self-healing polyurethane coating
- 3 Urethane
Impact-resistant 6 mil urethane formulated for excellent UV, heat and water resistance
- 4 Adhesive
Self-crosslinking acrylic copolymer adhesive formulated for balanced tack, adhesive, and cohesive properties
- 5 Liner
Matte, polyester release liner



Total construction is 7-8 mil without liner or cap sheet.

PERFORMANCE PROPERTIES

Performance tests are conducted using standard test procedures. SunTek Paint Protection Film (PPF) meets or exceeds the minimum specification values shown below.

PAINT PROTECTION FILM (PPF M - MATTE)			
Product Thickness (without liner or cap sheet)		7-8 mil	
Peel Adhesion	72 oz/in	(804 N/m)	ASTM D3330
Tensile Strength	5000 psi	(34.5 Mpa)	ASTM D638 - 10
Tear Strength	575 pli	(102.7 kg/cm)	ASTM D624 - 00 (2007)
Elongation at Break	> 400%		ASTM D638 - 10
Maximum Temperature		(116 °C)	
Wear Resistance	Taber Abrasion Test	No Wear Through	
Chemical Resistance	Isopropyl Alcohol	Good Resistance	
Chemical Resistance	Hexane / Toluene	Good Resistance	
Weathering	QUV 2500h	No Detrimental Effect	
Heat Effect	70C 2500h	No Detrimental Effect	
Rock Chip Resistance	SAE J4000 Gravelometer	Pass	

All statements, technical information and recommendations herein are based on test SunTek believes are reliable. SunTek does not warrant or guarantee the accuracy or completeness of this information.



Image represents gravel impact testing on surface with and without PPF installed.

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