



## PAINT PROTECTION FILM

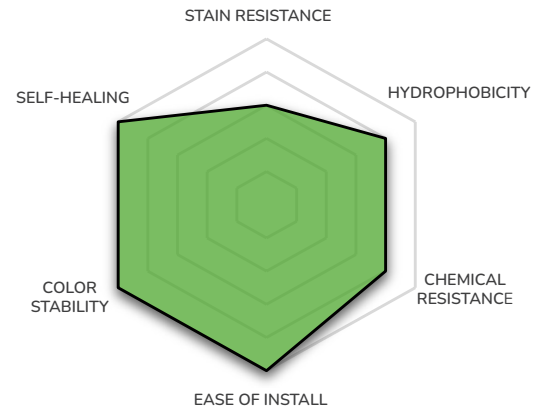
# GREENBOX PPF

**CoreTech** GreenBox Paint Protection Film is a premium self-healing PPF designed for best-in-class self-healing performance, excellent color stability, and a high-gloss finish, providing advanced long-term paint protection.

PHYSICAL PROPERTIES	TEST METHOD	NOMINAL VALUE
Total Thickness	Micrometer	7.9mils [197µm]
Release Liner Thickness	Micrometer	3.0mils [75µm]
TPU Thickness	Micrometer	6.0mils [150µm]
Elongation at Break	ASTM D882	> 250%
Elongation to Crack	ASTM D882	> 100%
Tensile Strength at Break	ASTM D882	3,000 lbs/in <sup>2</sup>
Gloss	ASTM D523, 60° angle	> 90 GU

PERFORMANCE DATA	TEST METHOD	NOMINAL VALUE
Initial Peel (20mins, 72F)	ASTM D3330 Test Method A	1,400 g/in
Heat Aged Peel (30mins, 248F)	ASTM D3330 Test Method A	4,000 g/in
Stain Resistance	Sharpie Test, dry Wipe	< 1.75 ΔL*
Stain Resistance	Sharpie Test, IPA Wipe	< 0.40 ΔL*
Hydrophobicity	ASTM D5946, H2O contact angle	> 93°
Chemical Resistance, Gasoline	30 min submersion, visual inspection after 24 hrs.	Not Affected
Chemical Resistance, Soap & water		Not Affected
Chemical Resistance, Hydrochloric Acid		Not Affected
Color Stability, Δb* 2000 hours	ASTM G154, Cycle 6	< 1.00 Δb* after 2,000hrs
Damp Heat Aging, 85:85	750 Hours 85°C and 85% RH	< 0.85 Δb*
Abrasion Resistance	Taber 25	< 2.0 ΔL*
Abrasion Resistance	Taber 100	< 2.2 ΔL*
Impact/Chip Resistance	SAE J400 (Gravelometer)	No ruptures
Self-Healing, Active	Brass brush, 15sec int.	Healed, <2mins
Self-Healing, with Heat	1kg weight, hot water	Heals severe scratches

### PERFORMANCE MAP



### CONTACT CORETECH PERFORMANCE FILM SOLUTIONS

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