



PAINT PROTECTION FILM

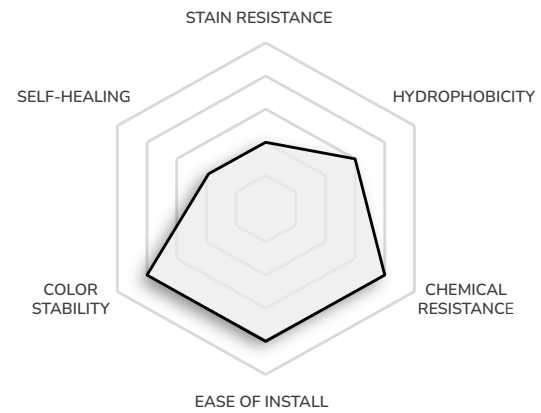
WHITEBOX PPF

CoreTech WhiteBox Paint Protection Film is a reliable high value PPF made in the USA, designed for easy installation with excellent chemical resistance, and color stability to provide long lasting peace of mind.

| PHYSICAL PROPERTIES | TEST METHOD | NOMINAL VALUE |
|---------------------------|----------------------|---------------------------|
| Total Thickness | Micrometer | 7.7mils [193µm] |
| Release Liner Thickness | Micrometer | 3.0mils [75µm] |
| TPU Thickness | Micrometer | 6.0mils [150µm] |
| Elongation at Break | ASTM D882 | > 500% |
| Elongation to Crack | ASTM D882 | > 50% |
| Tensile Strength at Break | ASTM D882 | 5,600 lbs/in ² |
| Gloss | ASTM D523, 60° angle | >87 GU |

| PERFORMANCE DATA | TEST METHOD | NOMINAL VALUE |
|----------------------------------------|----------------------------------------------------|---------------------------|
| Initial Peel (20mins, 72F) | ASTM D3330 Test Method A | 1,800 g/in |
| Heat Aged Peel (30mins, 248F) | ASTM D3330 Test Method A | 3,100 g/in |
| Stain Resistance | Sharpie Test, dry Wipe | > 3.00 ΔL* |
| Stain Resistance | Sharpie Test, IPA Wipe | < 1.00 ΔL* |
| Hydrophobicity | ASTM D5946, H2O contact angle | > 85° |
| Chemical Resistance, Gasoline | | Not Affected |
| Chemical Resistance, Soap & water | 30 min submersion, visual inspection after 24 hrs. | Not Affected |
| Chemical Resistance, Hydrochloric Acid | | Not Affected |
| Color Stability, Δb* 2000 hours | ASTM G154, Cycle 6 | < 1.00 Δb* after 1,000hrs |
| Damp Heat Aging, 85:85 | 750 Hours 85°C and 85% RH | < 1.10 Δb* |
| Abrasion Resistance | Taber 25 | < 2.5 ΔL* |
| Abrasion Resistance | Taber 100 | < 6.5 ΔL* |
| Impact/Chip Resistance | SAE J400 (Gravelometer) | No ruptures |
| Self-Healing, Active | Brass brush, 15sec int. | Requires Heat |
| Self-Healing, with Heat | 1kg weight, hot water | Heals minor scratches |

PERFORMANCE MAP



CONTACT CORETECH PERFORMANCE FILM SOLUTIONS

Americas
Saint-Gobain Performance Film Solutions
4520 Viewridge Avenue
San Diego, CA 92123

WWW.CORETECHFILMS.COM



IMPORTANT: The values presented are typical values and should not be used for specification purposes. Contact your representative for more information. It is the user's responsibility to ensure the suitability and safety of CoreTech products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. CoreTech assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated by purchaser and/or user.

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