

<b>BRANDS</b>		Fiberon (USA and International)	Veranda (USA)
PVC	Paramount		
Capped PE	Horizon, Xtreme, Xtreme Wide, ProTect Advantage, Pro-Tect, Sanctuary, Good Life		Veranda ArmorGuard, Veranda Composite Decking
Uncapped PE	Professional, Traditional, Exotics		

<b>TEST</b>	<b>METHOD</b>	<b>RESULT*</b>
-------------	---------------	----------------

<b>SPECIFIC GRAVITY</b>		<b>ASTM D 792</b>
PVC		0.65
Capped PE		1.10
Uncapped PE		1.11

<b>FASTENER PERFORMANCE</b>		<b>ASTM</b>
Screw Withdrawal Tiger Claw		<b>D 1761**</b> 463 allowable lbs per fastener
Screw Withdrawal SplitStop Titan III		<b>D 1761**</b> 377 allowable lbs per fastener
Screw Withdrawal Veranda Composite Screw		<b>D 1761**</b> 367 allowable lbs per fastener
Uplift Capacity Phantom GT Hidden Fastener		<b>E 330**</b> 182 allowable lbs/ft <sup>2</sup>

<b>MODULUS OF ELASTICITY</b>		<b>ASTM D 6190</b>
Paramount		150,300 psi
Horizon, ProTect Advantage		456,000 psi
Pro-Tect, Veranda ArmorGuard, Veranda Composite Decking		459,100 psi
Good Life		404,400 psi
Professional		470,000 psi

<b>MODULUS OF RUPTURE</b>		<b>ASTM D 6190</b>
Paramount		3,588 psi
Horizon, ProTect Advantage		3,500 psi
Pro-Tect, Veranda ArmorGuard, Veranda Composite Decking		3,444 psi
Good Life		2,845 psi
Professional		2,643 psi

<b>LINEAR COEFFICIENT OF EXPANSION X 10<sup>-5</sup> (in/in/°F)</b>		
PVC		2.76
Capped PE		1.67
Uncapped PE		1.75

<b>COEFFICIENT OF STATIC FRICTION</b>		<b>ASTM F 1679</b>
Paramount		0.85 dry /0.82 wet
Horizon, ProTect Advantage, Pro-Tect, Sanctuary, Veranda ArmorGuard		0.58 dry /0.52 wet
Veranda Composite Decking		0.53 dry /0.42 wet
Professional		0.80 dry /1.19 wet

<b>DEFLECTION LOADS ALLOWED/ACTUAL</b>		<b>ASTM D 7032</b>
Max Design Load Deflection - Paramount		0.128 in.
Max Design Load Deflection - Horizon		0.0104 in.
Max Design Load Deflection - Capped PE and Uncapped PE		< 0.120in.
Recovery of at least 75% - PVC, Capped PE and Uncapped PE		meets or exceeds
Creep Relaxation - PVC, Capped PE and Uncapped PE		meets or exceeds

<b>FLAME SPREAD INDEX</b>		<b>ASTM E 84</b>
Professional		75***
Good Life, Veranda Composite Decking		125
ProTect Advantage, Pro-Tect, Sanctuary, Veranda ArmorGuard		115
Horizon		70
Paramount		30

<b>SMOKE DEVELOPED INDEX</b>		<b>ASTM E 84</b>
Paramount		850
Horizon, ProTect Advantage, Pro-Tect, Sanctuary, Veranda ArmorGuard		350
Good Life, Veranda Composite Decking		300

<b>CA OSFM WILDLAND-URBAN INTERFACE CODE COMPLIANCE</b>		<b>SFM 12-7A-4</b>
Paramount	Part A, Part B (class B)	passes
ProTect Advantage, Pro-Tect, Veranda ArmorGuard	Part A	passes****
Professional	Part A	passes

<b>TERMITE RESISTANCE RATING</b>		<b>ASTM D 3345</b>
Paramount		10

<b>FORMOSAN TERMITE RESISTANCE RATING</b>		<b>AWPA STANDARD E1-09</b>
Capped and Uncapped PE		passes

<b>FUNGUS DECAY RESISTANCE</b>		<b>ASTM D 1413</b>
Paramount, Horizon, ProTect Advantage, Pro-Tect, Sanctuary, Veranda ArmorGuard, Good Life, Professional		no significant decay

\*See ICC-ES AC174 Code Compliance Research Report CCRR-0108 and CCRR-0152  
 \*\*\*See: <http://osfm.fire.ca.gov/strucfireengineer/pdf/bml/wuiproducts.pdf>

\*\*Numbers reported include a safety factor of 3.0  
 \*\*\*\*Passes with 1/8 in. gaps between boards