

Brands	Fibron® (USA and International)
PVC Decking	Promenade, Paramount® Hearth and Mantel Collections
PE Decking	Concordia™ Symmetry® and Horizon® Collections, Sanctuary®, Good Life Escapes and Weekender Collections, Fibron ArmorGuard®, Veranda® Composite Decking

Test	Method	Result*
Specific Gravity	ASTM D792	
PVC		0.65
PE		1.10

Modulus of Elasticity	EN 15534-1:2014 Annex A / ASTM D6109	
Promenade	1441 Mpa	209,036 psi / 14697 Kg / cm
Paramount	1430 Mpa	207,404 psi / 14582 Kg / cm
Concordia	3087 Mpa	321,000 - 328,000 psi / 32068 Kg / cm
Sanctuary, Sanctuary FR	3087 Mpa	318,000 psi / 33052 Kg / cm
Good Life, Good Life FR	2332 Mpa	263,000 psi / 28439 Kg / cm
Fibron ArmorGuard	3519 Mpa	275,000 psi / 32286 Kg / cm
Veranda Composite Decking	N/A	247,000 psi / 17366 Kg / cm

Modulus of Rupture	EN 15534-1:2014 Annex A / ASTM D6109	
Promenade	28.6 Mpa	4,151 psi
Paramount	24.7 Mpa	3,588 psi / 252.32 Kg / cm
Concordia	34.1 Mpa	4,950 psi / 246.13 Kg / cm
Sanctuary, Sanctuary FR	33.0 - 34.7 Mpa	4,790 - 5,040 psi / 185.86 Kg / cm
Good Life, Good Life FR	25.4 Mpa	3,680 psi / 200.07 Kg / cm
Fibron ArmorGuard	27.4 Mpa	3,970 psi / 242.19 Kg / cm
Veranda Composite Decking	25.1 Mpa	3,640 psi

Linear Coefficient of Expansion x 10⁻⁵ (in/in/°F)	ASTM D6341	
PVC		2.76 x 10 ⁻⁵ in/in/°F
PE		1.99 x 10 ⁻⁵ in/in/°F

Coefficient of Static Friction	ASTM F1679	
Promenade		0.70 dry / 0.51 wet
Paramount		0.80 dry / 0.75 wet
Concordia Symmetry Collection		0.40 dry / 0.38 wet
Concordia Horizon Collection, Fibron ArmorGuard		0.40 dry / 0.31 wet
Sanctuary, Sanctuary FR		0.37 dry / 0.36 wet
Good Life, Good Life FR		0.37 dry / 0.33 wet

Deflection Loads Allowed / Actual	ASTM D7032	
Max Design Load Deflection - PVC		0.128 in. / 3.25 mm
Max Design Load Deflection - PE		<0.120 in. / 3.05 mm
Recovery of at least 75% - PVC, PE		meets or exceeds requirements
Creep Relaxation - PVC, PE		meets or exceeds requirements

Stair Spans	Residential On-Center Stringer Spacing
PVC Decking	24 in. - With PT SYP 2x4 blocking on edge, centered under each tread and secured with two nails at each end.
PE Decking	12 in.

Snow Load Capacity ICC-ES AC174	100 psf	300 psf	350 psf	400 psf
Promenade, Paramount, Concordia, Sanctuary, Sanctuary FR	16 in.	16 in.	16 in.	16 in.
Fibron Armorguard, Good Life, Good Life FR, Veranda Composite Decking	16 in.	16 in.	12 in.	12 in.

Flame Spread Index**ASTM E84**

Promenade		FSI 15 Class A
Paramount		FSI 25 Class A
Sanctuary FR, Good Life FR		FSI 70 Class B
Concordia		FSI 130 Class C
Good Life, Veranda Composite Decking		FSI 135 Class C
Sanctuary, Fiberon ArmorGuard		FSI 140 Class C

Smoke Developed Index**ASTM E84**

Promenade		SDI 950
Paramount		SDI 1000
Concordia, Sanctuary, Fiberon ArmorGuard		SDI 300
Good Life, Veranda Composite Decking		SDI 400
Sanctuary FR, Good Life FR		SDI 300

CA SFM 12-7A-4 Code Compliance for use in all CA Wildland Urban Interface (WUI) fire severity zones.**Decking Alternative Method A**

PVC (Promenade, Paramount)	Part A	meets or exceeds requirements
Sanctuary FR, Good Life FR	Part A	meets or exceeds requirements
Paramount and Promenade are approved for use in Wildland Urban Interface areas of the unincorporated areas of San Diego.		

Termite Resistance Rating**ASTM D3345**

PVC, PE		meets or exceeds requirements
---------	--	-------------------------------

Formosan Termite Resistance Rating**AWPA standard E1-09**

PE		meets or exceeds requirements
----	--	-------------------------------

Fungus Decay Resistance**ASTM D1413**

Promenade, Paramount, Concordia, Sanctuary, Sanctuary FR, Good Life, Good Life FR, Fiberon ArmorGuard, Veranda Composite Decking		meets or exceeds requirements
--	--	-------------------------------

Fastener Performance Testing**ASTM D1037 - 3.0 safety factor****Ultimate Pull-Through**

Concordia	Phantom Universal	306 psf
Good Life	Phantom Universal	284 psf

Fastener Performance Testing**ASTM E330 - 3.0 safety factor****Allowable Uplift Capacity**

Paramount	EDGE / EDGEX	277 psf
Concordia	Phantom Universal	391 psf
Concordia	EDGE / EDGEX	259 psf
Good Life	EDGE / EDGEX	267 psf

Texas Department of Insurance (TDI)**Report Number****Evaluated for compliance with the wind load specified in IRC and IBC.**

Concordia, Sanctuary, Good Life, Fiberon ArmorGuard, Veranda	MC-20	
--	-------	--

*See ASTM D7032 Product Evaluation Report PER-15097.

Fiberon decking is compliant with the 2016 California Green Building Standard Code "CALGreen" Title 24, Part 11, and 2015 ICC 700 National Green Building Standard.