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|---------------|---|
| Brands | Fiberon® (USA and International) |
| PVC Decking | Promenade, Paramount® |
| PE Decking | Concordia™ Symmetry® and Horizon® Collections, Sanctuary®, Good Life Escapes and Weekender Collections, Fiberon ArmorGuard®, Veranda® Composite Decking |
| PE Cladding | Wildwood™ Eden and Sahara Collections |

| 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 |
| Fiberon 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 ps |
| 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 |
| Fiberon 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, Fiberon 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. |
| Fiberon 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 30 Class B |
| Sanctuary FR, Good Life FR | | FSI 60 Class B |
| Wildwood | | FSI 65 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 850 |
| Concordia, Sanctuary, Fiberon ArmorGuard | | SDI 300 |
| Good Life, Veranda Composite Decking | | SDI 400 |
| Sanctuary FR, Good Life FR | | SDI 170 |

CA SFM 12-7A-1 Code Compliance for use in all CA Wildland-Urban Interface (WUI) fire severity zones.

| | | |
|----------|--|-------------------------------|
| Wildwood | | meets or exceeds requirements |
|----------|--|-------------------------------|

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, Part B (Class B Brand) | 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**

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

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

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

Fungus Decay Resistance**ASTM D1413**

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

Fastener Performance Testing**ASTM D1761 - 3.0 safety factor****Ultimate Pull-Through**

| | | |
|-----------|-------------------|---------|
| Paramount | Cortex | 172 psf |
| Concordia | Phantom Universal | 306 psf |
| Good Life | Phantom Universal | 284 psf |

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

| | | |
|--------------------|-------------------|---------|
| Promenade | Phantom Universal | 98 psf |
| Concordia | Phantom Universal | 391 psf |
| Good Life | Phantom Universal | 413 psf |
| Fiberon ArmorGuard | Cortex | 244 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 | MC20 | |
| Concordia Cladding | MC18 | |

Florida Product Approval

| | | |
|--------------------|--------------------------|--------|
| Concordia Cladding | Florida Product Approval | #21959 |
|--------------------|--------------------------|--------|

Allowable Design Pressure in Accordance with TAS 202 & 203 for Concordia Cladding**Fastener Description****Material Orientation****Wood Framing****Allowable Design Pressure****

| | | | |
|---|---------------------------------------|-------------|-----------|
| #9 x 2-1/2-in long Composite Deck Screw | Concordia Cladding Horizontal | 16 in. o.c. | (+/-) 120 |
| #9 x 2-1/2-in long Composite Deck Screw | Concordia Fascia and Riser Horizontal | 16 in. o.c. | (+/-) 115 |

*See ASTM D7032 Product Evaluation Report PER-15097 **Allowable design pressure is based on tested values using a safety factor of 1.5

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.