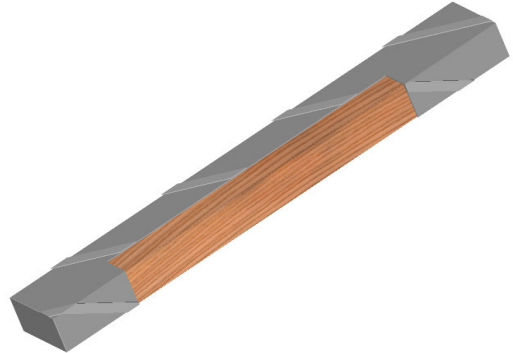




## EverWood Timber Protection System - EW 6x8

Moment of Inertia (I)	100.5 in <sup>4</sup>
Section Modulus (S)	36.6 in <sup>3</sup>
Timber Material	No. 2 Southern Pine or Better
Polymer Material	<ul style="list-style-type: none"> <li>- Marine Grade Formulated Polymer creates water-tight encasement.</li> <li>- Wrapped in tension for superior bonding to treated or untreated wood.</li> <li>- Environmentally inert "green" technology.</li> <li>- High ductility for cold weather performance and drivability.</li> <li>- Exterior ridge promotes skin friction and additional uplift capacity.</li> </ul>
Recommended Accessories	Everwood Patch Kit
Standard Lengths	16 ft., 20 ft.
Standard Colors	Clay - Grey



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Timber Properties	Design Values (Unfactored)* (psi)
Bending F <sub>b</sub>	850
Tension Parallel to Grain F <sub>t</sub>	550
Shear Parallel to Grain F <sub>v</sub>	165
Compression Perp. To Grain F <sub>c</sub> (perp.)	375
Compression Parallel to Grain F <sub>c</sub>	525
Modulus of Elasticity (E) (Avg.)	1,200,000
Modulus of Elasticity (E) (Min.)	440,000

Span (ft)	Allowable Uniform Loading (Shear) (lb/ft)	Allowable Uniform Loading (Bending) (lb/ft)		Allowable Uniform Loading (Deflection - Pinned Connection) (lb/ft)				Allowable Uniform Loading (Deflection - Fixed Connection) (lb/ft)			
		Pinned Connection	Fixed Connection	L/120	L/180	L/240	L/360	L/120	L/180	L/240	L/360
4	2193	1294	1941	---	---	---	---	---	---	---	---
5	1754	828	1242	---	---	---	---	---	---	---	---
6	1462	575	863	---	---	---	---	---	---	---	---
7	1253	422	634	---	---	---	---	---	---	---	---
8	1096	323	485	---	---	---	---	---	---	---	---
9	974	255	383	---	---	---	245	---	---	---	---
10	877	207	310	---	---	---	179	---	---	---	---
11	797	171	256	---	---	---	134	---	---	---	---
12	731	143	215	---	---	---	103	---	---	---	---
13	674	122	183	---	---	122	81	---	---	---	---
14	626	105	158	---	---	98	65	---	---	---	---
15	584	92	138	---	---	79	53	---	---	---	---

\* Design Values are taken from the Southern Pine Use Guide -2009 Edition - Table 1 & 2 Dimensional Lumber & Timbers. The design values shown are unfactored and it is recommended that individual projects be evaluated for possible factor usage. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties are made as to the suitability of any Everlast product for specific applications.