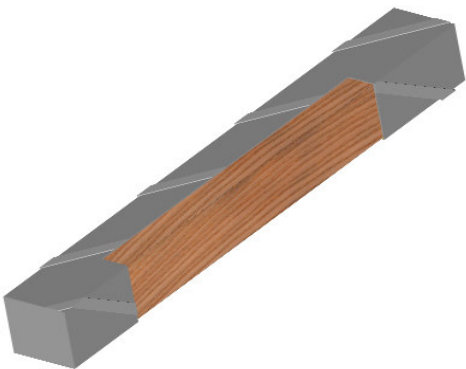




EverWood Timber Protection System - EW 8x8

Moment of Inertia (I)	230.2 in ⁴
Section Modulus (S)	63.5 in ³
Timber Material	No. 2 Southern Pine or Better
Polymer Material	<ul style="list-style-type: none"> - Marine Grade Formulated Polymer creates water-tight encasement. - Wrapped in tension for superior bonding to treated or untreated wood. - Environmentally inert "green" technology. - High ductility for cold weather performance and drivability. - Exterior ridge promotes skin friction and additional uplift capacity.
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 _b	850
Tension Parallel to Grain F _t	550
Shear Parallel to Grain F _v	165
Compression Perp. To Grain F _c (perp.)	375
Compression Parallel to Grain F _c	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	2890	2249	3374	---	---	---	---	---	---	---	---
5	2312	1439	2159	---	---	---	---	---	---	---	---
6	1927	999	1499	---	---	---	---	---	---	---	---
7	1651	734	1101	---	---	---	---	---	---	---	---
8	1445	562	843	---	---	---	---	---	---	---	---
9	1284	444	666	---	---	---	---	---	---	---	---
10	1156	359	539	---	---	---	---	---	---	---	---
11	1051	297	446	---	---	---	---	---	---	---	---
12	963	249	374	---	---	---	237	---	---	---	---
13	889	212	319	---	---	---	186	---	---	---	---
14	825	183	275	---	---	---	149	---	---	---	---
15	770	159	239	---	---	---	121	---	---	---	---

* 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.