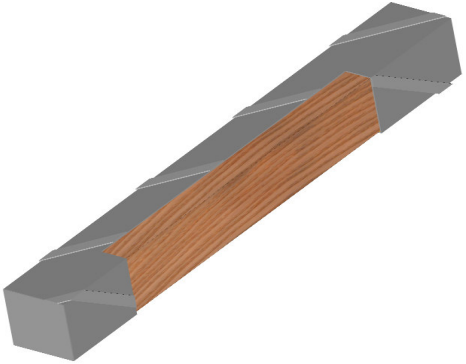




EverWood Timber Protection System - EW 10x10

Moment of Inertia (I)	610.1 in ⁴
Section Modulus (S)	131.9 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	4705	4671	7007	---	---	---	---	---	---	---	---
5	3764	2989	4484	---	---	---	---	---	---	---	---
6	3137	2076	3114	---	---	---	---	---	---	---	---
7	2689	1525	2288	---	---	---	---	---	---	---	---
8	2352	1167	1751	---	---	---	---	---	---	---	---
9	2091	922	1384	---	---	---	---	---	---	---	---
10	1882	747	1121	---	---	---	---	---	---	---	---
11	1711	617	926	---	---	---	---	---	---	---	---
12	1568	519	778	---	---	---	---	---	---	---	---
13	1447	442	663	---	---	---	---	---	---	---	---
14	1344	381	572	---	---	---	---	---	---	---	---
15	1254	332	498	---	---	---	321	---	---	---	---

* 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.