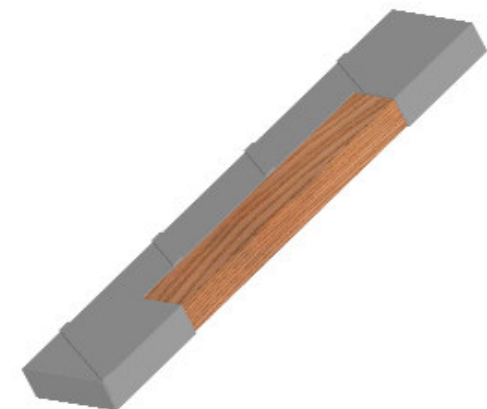




## EverWood Timber Protection System - EW 3x8

Moment of Inertia (I)	9.4 in <sup>4</sup>
Section Modulus (S)	7.6 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>	1200
Tension Parallel to Grain F <sub>t</sub>	650
Shear Parallel to Grain F <sub>v</sub>	175
Compression Perp. To Grain F <sub>c</sub> (perp.)	656
Compression Parallel to Grain F <sub>c</sub>	1550
Modulus of Elasticity (E) (Avg.)	1,600,00
Modulus of Elasticity (E) (Min.)	580,000

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	1057	377	566	---	---	---	---	---	---	---	350
5	845	241	362	---	---	---	---	---	---	---	179
6	704	167	251	---	---	---	---	---	---	155	104
7	604	123	184	---	---	---	---	---	---	98	65
8	528	94	141	---	---	---	---	---	87	66	44
9	469	74	111	---	---	---	---	---	61	46	31
10	422	60	90	---	---	---	---	---	45	34	22
11	384	49	74	---	---	---	---	---	34	25	17
12	352	41	62	---	---	---	---	---	26	19	13
13	325	35	53	---	---	---	51	---	20	15	10
14	302	30	46	---	---	---	41	---	16	12	8
15	281	26	40	---	---	---	33	---	13	10	7

\* 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.