



## EverWood Timber Protection System - EW 2x12

Moment of Inertia (I)	3.2 in <sup>4</sup>
Section Modulus (S)	4.2 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



### Everlast Synthetic Products, LLC

1000 Wyngate Pkwy - Suite 100  
 Woodstock, Ga. 30189  
 Office: 800-687-0036  
 Fax: 800-687-0048  
[www.everlastseawalls.com](http://www.everlastseawalls.com)

Timber Properties	Design Values (Unfactored)* (psi)
Bending F <sub>b</sub>	975
Tension Parallel to Grain F <sub>t</sub>	550
Shear Parallel to Grain F <sub>v</sub>	175
Compression Perp. To Grain F <sub>c</sub> (perp.)	565
Compression Parallel to Grain F <sub>c</sub>	1450
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	984	171	257	---	---	---	---	---	---	---	117
5	787	109	164	---	---	---	---	---	---	90	60
6	656	76	114	---	---	---	---	---	69	52	35
7	562	55	83	---	---	---	---	---	44	33	22
8	492	42	64	---	---	---	---	---	29	22	15
9	437	33	50	---	---	---	---	---	21	15	10
10	393	27	41	---	---	---	38	---	15	11	8
11	357	22	33	---	---	---	28	---	11	8	6
12	328	19	28	---	---	---	22	17	9	7	4
13	302	16	24	---	---	---	17	14	7	5	3
14	281	13	20	---	---	20	14	11	5	4	3
15	262	12	18	---	---	17	11	9	4	3	2

\* 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.