

## Structural Composite Lumber Values

**CAUTION: SCL Manufacturer specifications may change at any time! Consult current manuf. published literature.**

Please be advised that most of these multi-million dollar companies are unable to keep their websites up to date and any sizes or values found there should be used with caution. Call the sales rep or your local supplier for more accurate information. All sizes and grades may not be available in your locale. Read the manufacturer's printed literature for requirements specific to their products. See notes at bottom of this page.

Manufacturer	Product	Fb	Fv	E	Fc ^	PCF	Cf
<b>Note: Bold numbers are revised items or are new products.</b>				Size Factor Cf = exponent of 12/d^4			
<b>Boise BC</b> <i>formerly Boise Cascade</i>							
1-3/4" to 2-5/8"	Versa Lam® LVL 2.0E	2800	285	2.0	750	37	0.111
3-1/2" to 7"	Versa Lam® LVL 2.0E	3100	285	2.0	750	37	0.111
<b>Georgia Pacific GP</b>							
1-3/4" to (4) 1-3/4" built-up	G-P Lam® LVL	2900	285	2.0	750	37.5	0.111
<b>Chantiers Chibougamau CC</b>							
1-3/4", 2-1/2", 3-1/2", 5-1/2"	Value Nordic Lam	2000	250	1.6	450	35	n/a
1-3/4", 2-1/2", 3-1/2", 5-1/2", 7"	Select Nordic Lam	2400	250	1.9	560	35	n/a
3-1/2", 5-1/2", 7"	Ultra Nordic Lam	3000	250	2.2	650	37	n/a
<b>International Paper IP</b>							
1-1/4" to (4) 1-1/4" built-up	1.3E Weldwood LVL	1700	220	1.3	600	37	0.111
3-1/2"	1.6E Weldwood LVL	2500	240	1.6	750	37	0.111
1-3/4" to (4) 1-3/4" built-up	<b>1.9E Weldwood LVL</b>	<b>2750</b>	<b>300</b>	<b>1.9</b>	750	37	<b>0.154</b>
1-3/4" to (4) 1-3/4" built-up	2.0E Weldwood LVL	3100	285	2.0	900	41	0.154
<b>Louisiana Pacific LP</b>							
Cf < 12" = 0.111, Cf > 12" = 0.143							
1-3/4" to (4) 1-3/4" built-up or	1.9E Gang-Lam® LVL	2650	285	1.9	750	36	0.143
3-1/2", 5-1/4" & 7"	2.0E Gang-Lam® LVL	2950	290	2.0	750	36	0.143
<b>Trus Joist TJ</b> (Weyerhaeuser)							
1-3/4" to (4) 1-3/4"	1.9 E Microllam® LVL	2600	285	1.9	750	37	0.136
1-3/4" thru 7"	2.0 E Parallam® PSL	2900	290	2.0	750	45	0.111
3-1/2" ( ≤ 8-5/8" depth)	1.3E TimberStrand® LSL	1700	400	1.3	680	41	0.092
3-1/2" ( ≥ 9-1/4" depth)	1.5E TimberStrand® LSL	2250	400	1.5	750	41	0.092
1-3/4", 3-1/2" ( ≥ 9-1/4")	<b>1.55E TimberStrand® LSL</b>	<b>2325</b>	<b>310</b>	<b>1.55</b>	<b>800</b>	41	0.092
<b>Roseburg Forest Products RFP</b>							
1-3/4" to (4) 1-3/4" built-up	1.8E RigidLam LVL	2600	285	1.8	700	36	0.125
1-3/4", 3-1/2", 5-1/4" & 7"	2.0E RigidLam LVL	2900	285	2.0	750	36	0.125

**Most, but not every manufactured size has been included in BeamChek. Some depths require special order.**

**Comply with each Manufacturer's Recommendations: Most require the following...**

1. No notching or drilling allowed unless as approved by the manufacturer.
2. Provide continuous lateral support at top of member, or per manufacturer's recommendations.
3. Dry use condition only. BeamChek doesn't contain the Trus Joist Wolmanized® Parallam modifiers.
4. Multiple member build-up only per manufacturer's recommendations.
5. Be aware of manufacturer's requirements for side loading members, especially built-up combo's.
6. End bearing recommendations vary between manufacturers. Verify with manufacturer's literature.
7. Most of the above products are manufactured without camber. Watch your dead load deflection!

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