

Errata
to the 2015 and 2018 Editions of the
Design Values for Wood Construction
(a supplement to the *National Design Specification® (NDS®) for Wood Construction*)

Modify the following design values in Footnote 2 to Table 4C for mechanically graded Douglas fir-Larch dimension lumber:

Table 4C Footnotes

2. **SPECIFIC GRAVITY, G, SHEAR PARALLEL TO GRAIN, F_v , AND COMPRESSION PERPENDICULAR TO GRAIN, F_{cL} .** Values for specific gravity, G, shear parallel to grain, F_v , and compression perpendicular to grain, F_{cL} , are provided below for MSR and MEL lumber. For species or species groups not shown below, the G, F_v and F_{cL} values for visually graded lumber may be used. Higher G values may be claimed when (a) specifically assigned by the rules writing agency or (b) when qualified by test, quality controlled for G and provided for on the grade stamp. When a different G value is provided on the grade stamp, higher F_v and F_{cL} design values may be calculated in accordance with the grading rule requirements.

| Species | Modulus of Elasticity E ($\times 10^6$) psi | Specific Gravity G | Design values in pounds per square inch (psi) | | Grading Rules Agency |
|-------------------|---|--------------------|---|---|----------------------|
| | | | Shear parallel to grain F_v | Compression perpendicular to grain F_{cL} | |
| Douglas Fir-Larch | 1.0 and higher | 0.50 | 180 | 625 | WWPA |
| | 2.0 | 0.51 | 180 | 670 | WWPA |
| | 2.1 | 0.52 | 180 | 690 | |
| | 2.2 | 0.53 | 180 | 715 | |
| | 2.3 | 0.54 | 185 | 735 | |
| | 2.4 | 0.55 | 185 | 760 | |
| Douglas Fir-Larch | 1.0 and higher | 0.50 | 180 | 625 | WCLIB |
| | 2.0 | 0.51 | 180 | 670 | WCLIB |
| | 2.1 | 0.52 | 180 | 690 | |
| | 2.2 | 0.53 | 180 | 715 | |
| | 2.3 | 0.54 | 180 | 735 | |
| | 2.4 | 0.55 | 180 | 760 | |