

PACIFIC[™]
WOODTECH

TALL-WALL STUDS

Laminated Veneer Lumber
Engineered for
Tall-Wall Framing





PWLVL Studs

Laminated Veneer Lumber Engineered for Tall-Wall Framing

Build tall walls with confidence. Extra-long PWLVL Stud wall framing offers a stronger, stiffer, and straighter product than dimension lumber for all your tall-wall applications. PWLVL Stud is competitive in materials cost and is easy to handle and install, which can result in shorter construction schedules, saving you time and money.

Use beam-calculating software for better optimization of material selection and on-center spacing.

PWLVL Studs are available in virtually any length.

PWLVL STUD DESIGN PROPERTY COMPARISON⁽¹⁾⁽²⁾

Product		Modulus of Elasticity E (psi)	Bending F _b (psi) ⁽³⁾	Horizontal Shear F _v (psi)	Compression Parallel to Grain F _c (psi) ⁽⁴⁾
2 x 4	1.5" x 3.5" x 2.0E PWLVL	2000000	4125	285	2750
	1.5" x 3.5" x 1.8E PWLVL	1800000	3660	285	2450
	1.5" x 3.5" x 1.5E PWLVL	1500000	2995	230	1950
	2x4 Douglas Fir-Larch No. 2	1600000	1555	180	1550
	2x4 Spruce-Pine-Fir No. 1 / No. 2	1400000	1510	135	1325
	2x4 Hem-Fir No. 2	1300000	1465	150	1495
	2x4 Western Woods No. 2	1000000	1165	135	1035
2 x 6	1.5" x 5.5" x 2.0E PWLVL	2000000	3770	285	2750
	1.5" x 5.5" x 1.8E PWLVL	1800000	3345	285	2450
	1.5" x 5.5" x 1.5E PWLVL	1500000	2735	230	1950
	2x6 Douglas Fir-Larch No. 2	1600000	1345	180	1485
	2x6 Spruce-Pine-Fir No. 1 / No. 2	1400000	1310	135	1265
	2x6 Hem-Fir No. 2	1300000	1270	150	1430
	2x6 Western Woods No. 2	1000000	1010	135	990
2 x 8	1.5" x 7.25" x 2.0E PWLVL	2000000	3565	285	2750
	1.5" x 7.25" x 1.8E PWLVL	1800000	3165	285	2450
	1.5" x 7.25" x 1.5E PWLVL	1500000	2590	230	1950
	2x8 Douglas Fir-Larch No. 2	1600000	1240	180	1420
	2x8 Spruce-Pine-Fir No. 1 / No. 2	1400000	1205	135	1210
	2x8 Hem-Fir No. 2	1300000	1175	150	1365
	2x8 Western Woods No. 2	1000000	930	135	945

(1) Refer to APA PR-L233 for PWLVL adjustment factors and other design properties.

(2) Refer to the 2015 NDS for lumber adjustment factors and other design properties.

(3) Load applied to the narrow face of the member. Repetitive member and size factors have been applied where applicable.

(4) Size factors have been applied to lumber values where applicable.

For information about our complete line of products, please visit www.pacificwoodtech.com/PRODUCTS or call 888.707.2285.