



SILL PLATES & WALL FRAMING



PWT Treated™ Sill Plate

- **PWT Treated™ LVL** is Structural Composite Lumber (SCL) that is treated for protection against damage caused by decay, fungal rot, and wood-destroying insects including Formosan termites
- **PWT Treated LVL** may be used in interior or exterior construction above-ground applications (UC3B) and for components that are difficult to maintain, repair, or replace and that are critical to the performance and safety of the entire system including deck substructures, exterior columns, sill plates and fascia
- **PWT Treated LVL** and its chemical additive do not corrode or damage hardware
- Uniquely protected from the inside out; since there is no treatment gradient there is no need to field treat after cutting or drilling
- Limited 25-year transferable product warranty
- Available in:
1½x3½, 1½x5½, 1½x7¼, 1½x9¼, 1½x11¼



By



Reference Design Values

DRY USE – PLATE BEARING STRESSES

Plate Material	Plank Orientation	
	MOE (x 10 ⁶ psi)	F _{cL} (psi)
PWT Treated LVL	2.0	650
TJ StrandGuard / TimberStrand LSL	1.3	670
#2 DF (treated-incised)	1.5	625
#2 SYP (treated)	1.4	565
#2 Hem-Fir (treated incised)	1.2	405

EQUIVALENT SPECIFIC GRAVITY FOR CONNECTION DESIGN

Connection Type	Face ⁽¹⁾	Edge ⁽²⁾
Nail - Withdrawal	0.50	0.47
Nail - Lateral	0.50	0.50
Bolt - Lateral	0.50	N/A

- (1) Face: member faces showing the face of one veneer, typically the wide face of the member.
 (2) Edge: member faces showing the narrow edge of all veneers, typically the narrow face of the member.

See APA Product Report PR-L329.

