

CONSUMER ALERT

BUILD YOUR POLE BARN ON A SOLID FOUNDATION

Pole barns may be constructed using solid sawn wood poles and posts or glued laminated members. In order to meet the strict requirements of the International Building Codes, the members must be pressure treated according to the American Wood-Preservers' Association (AWPA) Standards. Structural posts or poles used for pole barns must meet AWPA Use Category 4B. To meet the UC4B Standard, material treated with either ACQ or CCA should be specified to meet an in-ground structural retention of 0.60 pcf; material treated with CA-B requires a retention of 0.31.

If laminated or built-up 6" x 6" timbers from 2" x 6" lumber are used, the same in-ground structural retentions apply as solid sawn timbers. Treated for "Ground Contact" with a retention of 0.40 pcf for ACQ and CCA or 0.21 pcf for CA-B does not meet the same standard and should not be allowed for pole barn construction.

To meet building code requirements, structural glued laminated timber must be manufactured according to American National Standard *ANSI/AITC A190.1-2002* for Structural Glued Laminated Timber. Additionally, glulam members in conformance with the above standard must bear the mark of an accredited inspection and testing agency. When a Certificate of Conformance is issued, it must also bear the mark of the accredited inspection and testing agency. ANSI/AITC A190.1-2002 has very specific requirements for accredited inspection and testing agencies.

For more information on pressure treated wood, visit www.WWPInstitute.org and for information on structural glued laminated timber, go to www.AITC-Glulam.org.

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