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3.0 Requirements



3.1 General

- a) Aesthetic grade rules (premium, custom & economy) are used within AWI standards only in reference to the acceptable quality of workmanship, material, or installation in a completed Product and apply only to exposed and semi-exposed surfaces which remain visible after installation.
- b) Visible surfaces of lumber shall be sound, free of decay, shake, pith, wane, and warp. Lumber shall be plain-sawn unless specified otherwise.
- c) Where conflicts exist within AWI Standards, the least restrictive requirement shall prevail.
- d) The following requirements shall be met unless a project's contract documents indicate otherwise. e) Species not covered by this standard shall be as agreed to between owner/design professional and manufacturer/supplier as to length requirements and size/exposed area of permitted natural characteristics.

3.1.1 Measurements

- a) This standard is written with the metric system of measurement followed by the U.S. Customary System of measurement in brackets.
- b) The system of measurement used in the project's original contract documents and architectural drawings will dictate which system of measurement within this standard is used for verification of compliance.
- c) The U.S. Customary measurement is typically a "soft" conversion of the metric measurement. In order to make the metric number more conceptually coherent and consistent, most conversions for less than 152.4 mm [6"] in dimension are "soft" converted to the nearest 0.1 mm. For measurements above 152.4 mm [6"], the "soft" value is converted to the nearest 1 mm.

d) Where conflicts exist within this standard, the least restrictive requirement shall prevail.

3.1.2 Lumber and Veneer Specified as Natural

a) Natural, as a type of wood species selection, permits unlimited heartwood and/or sapwood within a face. Special requirements shall be so specified.

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571-323-3636

info@awinet.org

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