



Menu



Contents

3.1 General

3.1.1 Measurements

3.1.2 Special Requirements

3.1.3 Environmental Conditions

3.1.4 Manufacturer/Supplier Requirements for Installation

3.1.5 Default Grade Requirements

ANSI/AWI 0641-2019 - Architectural Wood Casework Standard



3.1 General

- a) The following requirements shall govern unless a project's contract documents require otherwise.
- b) Should a conflict be discovered within this standard, the least restrictive requirement shall prevail.
- c) When applicable, manufacturer/supplier shall verify field measurements.
- d) Unless otherwise indicated, requirements apply equally to all performance duty levels/aesthetic grades.

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 these standards 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) “Inconspicuous,” when used in this standard, means not readily visible without careful inspection at a distance of:

Premium	Custom	Economy
610 mm [24"]	1219 mm [48"]	1829 mm [72"]

e) Gaps and flushness between components shall be tested with a feeler gauge at points where components are required to contact as indicated within this standard.

3.1.2 Special Requirements

a) When seismic construction is required, such requirements and details shall be clearly stated in the contract documents.

b) Requirements for Product, such as moisture resistant or fire retardant materials, shall be specified by the design professional.

3.1.3 Environmental Conditions

a) Requirements of this standard are contingent upon maintaining proper interior environmental controls prior to, during, and after installation. See the AWI 200 - Care & Storage Standard.

3.1.4 Manufacturer/Supplier Requirements for Installation

a) Manufacturer/supplier shall provide documented instructions for Product installation. In the absence of documented instructions, casework installation shall defer to AWI’s Casework Installation Guidelines (available for download at <http://www.awinet.org/standards>).

b) Installation of Product shall be in accordance with the ANSI/AWI 0620-2018 - Finish Carpentry/Installation Standard.

c) Manufacturer/supplier shall provide drawings indicating location of blocking. See the AWI 100 - Submittals Standard.

d) Manufacturer/supplier shall provide documented instructions for the fastening methods of adjacent cabinets. Documented instructions shall include fastener details.

3.1.5 Default Grade Requirements

a) Unless otherwise specified, Product shall comply with the following minimum defaults:

- Structural Performance: Duty Level 3
- Aesthetic Performance: Custom Grade

[← 2.0 Scope](#)

[3.2 Material >](#)

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