

AWI Standards

Finish Carpentry/Installation

ANSI/AWI 0620-2018



AWI ARCHITECTURAL
WOODWORK
INSTITUTE

Architectural Woodwork Institute
46179 Westlake Drive, Suite 120
Potomac Falls, VA 20165

Phone: 571-323-3636, Fax: 571-323-3630
<http://www.awinet.org>



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Wood products installed outside of climate controlled, interior environments are not governed by this standard.

Illustrations are intended to assist in understanding the standard and may not include all requirements for a specific product or unit, nor do they show the only method of fabrication. Such partial drawings shall not be used to justify improper or incomplete design and/or construction.

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Foreword

(This foreword is not a part of American National Standard AWI 0620-2018 - Finish Carpentry/Installation)

The ANSI/AWI 0620 - Finish Carpentry/Installation Standard is intended to provide guidelines for the installation of architectural woodwork and related interior products.

This standard encompasses a variety of architectural woodwork applications, including wall and ceiling surfaces, architectural casework, standing and running trim, and passage doors. This standard establishes structural and aesthetic tolerances for each of the aforementioned applications, ensuring that the final product is of the utmost quality with regards to visual appeal and structural integrity.

This standard is intended for use by individuals and organizations from all aspects of the architectural woodwork industry, including architects, design professionals, manufacturer/suppliers, contractors, installers, and end users. Individuals within the architectural woodwork industry will use this standard to maintain a high degree of control over the aesthetic quality and the structural integrity of their work, ensuring that potential differentiations in the workmanship and implementation of architectural woodwork projects are made uniform.

The requirements contained within this standard are derived from AWI's Architectural Woodwork Standards that the organization has been publishing in various formats since its inception in 1953. Each requirement has been thoroughly vetted by a committee of leading volunteer professionals in the architectural woodwork industry to ensure that the content is up-to-date and relevant to the current industry requirements.

Effective March 15, 2019, this standard succeeds, replaces, and supplants the Installation Sections of the Architectural Woodwork Standards, Ed. 2 (2014) as the most current version of the AWI Standard for Finish Carpentry/Installation.

Suggestions for the improvement of this standard will be welcome. Suggestions should be sent to:

Architectural Woodwork Institute

46179 Westlake Drive, Suite 120
Potomac Falls, VA 20165

AWI Standards Development

Philip Duvic, Executive Vice President

Ashley Goodin, Technical Director

Cheryl Dermyre, Technical Project Manager

Michael Murray, Technical Editor

Jairus Whitley, Graphic Designer

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This standard was processed and approved for submittal to ANSI by Accredited Standards Committee on AWI 0620 Finish Carpentry/Installation. Committee approval of the standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the AWI 0620 Finish Carpentry/Installation Committee had the following members:

Organization Represented	Name of Representative
Architectural Woodwork Institute (AWI)	Ashley Goodin
AWI Quality Certification Corporation (QCC)	Greg Parham
Leonard Peterson & Company, Inc.	Randy Jensen, Committee Chair
Madison Area Technical College	Patrick Molzahn
R&M Group Architects	William Munyan
TMI Systems Corporation	Cory Bittner

The following organizations, recognized as having an interest in the standardization of Finish Carpentry/Installation, were contacted prior to the approval of this standard. Inclusion in this list does not necessarily imply that the organization concurred with the submittal of the proposed standard to ANSI.

Madison Area Technical College	LG Hausys America, Inc.
Kitchen Cabinet Manufacturers Association	Elkwood Installation Services
Stairbuilders and Manufacturers Association	ISEC
AWI QCP	GT Architecture
Woodwork Institute	AECOM
CPA - Composite Panel Association	J. Peter Jordan
Hardwood Plywood & Veneer Association	Diversified Educational Systems Inc. (DES)
TMI Systems Corporation	WDG Architecture
Holden & Flynn Universal Contractor, Inc.	R&M Group Architects
Pacific Cabinets Inc.	Avitru, LLC
Leonard Peterson & Company, Inc.	HOK
Crown Custom Millwork	

1.0 Purpose

- a) Provide standards and tolerances for the quality and fit of the field installation of Architectural Woodwork and related interior finishes (henceforth referred to as “Product”).

2.0 Scope

- a) This standard addresses the installation of wood trim, paneling, casework, integrated door systems, countertops, and other related interior finishes.

2.1 Included:

- a) Installation of Product as outlined throughout this standard, including labor, tools, equipment, adhesives, fasteners, common external blocking, furring, and hanging devices for the support and attachment of that Product.

2.2 Not Included:

- a) Installation of Product items not specifically identified in itemized scope of work within the contract documents.
- b) Providing and installing electrical related items, light fixtures, network cables, grommets and wire management systems, computer equipment, or mechanical equipment.
- c) Correction of existing jobsite conditions that are required for the installation of the Product.
- d) Structural components, grounds, blocking, strapping, support brackets, or any other element within wall partitions, above finished ceilings, or below finished floors.
- e) All site-applied primers, stains, or other finish coatings for non-factory finished Product.
- f) Filling nail or screw holes in unfinished or primed Product.
- g) Caulking to fill voids between Product and pre-existing surfaces.

3.0 Requirements

3.1 General

- a) The following requirements shall govern unless a project's contract documents require otherwise.
- b) Installer shall obtain, review, and comply with manufacturer/supplier's documented instructions for installation. Product shall be securely attached. Contract documents regarding installation method(s) shall supersede manufacturer/supplier's directive unless design professional's approval to deviate is provided in writing.
- c) Installer shall confirm the presence of wood blocking or metal strapping as indicated in contract documents. If not provided, installer shall seek written directives.
- d) It is not the responsibility of the installer to scribe or fit to walls, ceilings, floors, or openings whose plumb, level, flat, straight, or square values exceed tolerances specified in contract documents.
- e) The types of joinery used shall be consistent throughout the project.
- f) Drywall and bugle head screws are not permitted for the installation of Product.
- g) Installation shall comply with the Product's aesthetic grade as specified in the contract documents.
- h) Product shall be installed plumb and level within 3.2 mm [.125"] in 2438 mm [96"].
- i) When factory-finished Product is cut or modified to facilitate installation, the resulting unfinished core shall be sealed prior to installation.
- j) Tolerances listed for gaps and flushness apply to Product as installed.
- k) Unless otherwise indicated within this standard, Product shall be installed free of open joints, visible machine marks, cross sanding, tear-outs, nicks, chips, scratches, and/or natural defects exceeding the quantity and/or size limits defined in the AWI 300 - Materials Standard.
- l) Residual marks, including adhesive and filler residue on exposed or semi-exposed faces, shall be removed.
- m) Areas of installation shall be left broom clean. Debris shall be removed and disposed of in containers provided by the contractor or construction manager.

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.

For a complete AWS document,
including compliance requirements,
product information and more,
contact us.

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