

AWI Standards

Care & Storage

AWI 200-2018



AWI ARCHITECTURAL
WOODWORK
INSTITUTE

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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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AWI 200-2018 - Care & Storage

Foreword

(This foreword is not a part of AWI 200-2018 - Care & Storage)

The AWI 200 - Care & Storage Standard is intended to provide requirements for the proper conditions necessary to protect architectural woodwork and related interior finishes from the negative effects of temperature, relative humidity, and handling.

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 Section 2 of the Architectural Woodwork Standards, Ed. 2 (2014) as the most current version of the AWI Standard for Care & Storage.

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

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This standard was developed by AWI Standards Development Staff and the AWI Technical Committee and was approved for publication by the AWI Technical Committee. Committee approval of the standard does not necessarily imply that all committee members voted for its approval.

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1.0 Purpose

- a) This standard provides requirements for the proper conditions necessary to protect Architectural Woodwork and related interior finishes (henceforth referred to as “Product”) from the negative effects of temperature, relative humidity, and handling. Responsibility is defined for the care and moisture considerations before, during, and after installation.
- b) Post-delivery conditions, including relative humidity requirements before, during, and after installation, are covered in this standard.
- c) Quality assurance can be achieved by adherence to this standard, which will provide the owner a quality product at competitive pricing. The design professional, by specifying compliance to this standard, increases the probability of receiving the product quality expected.

2.0 Scope

- a) This standard contains requirements for the care and storage of Product. Requirements of this standard include environmental conditions that shall be maintained by the owner following installation.

3.0 Requirements

3.1 General

- a) This standard is intended to provide professionals with the requirements necessary to maintain a well-defined degree of control over a project's quality and performance longevity. The following requirements shall govern unless a project's contract documents indicate otherwise.
- b) For non-wood Product, refer to manufacturer/supplier's documented specifications.
- c) Should a conflict be discovered within this standard, the least restrictive requirement shall prevail.

3.1.1 Grades

- a) Care and storage requirements are the same for all Products regardless of the aesthetic grade specified.

3.1.2 Dimensional Change

- a) Products are manufactured as designed from wood that has been kiln dried to an appropriate moisture content. Subsequent dimensional change in wood is an inherent property of the material.
- b) As normal minor fluctuations in humidity occur, the resulting dimensional response in properly designed construction will be insignificant. To reduce humidity related problems, the appropriate relative humidity levels should be maintained. Uncontrolled extremes are likely to cause problems.
- c) Together with proper design, fabrication, and installation, humidity control is an important factor in preventing dimensional change problems.

3.1.3 Dimensional Change Responsibility

- a) Responsibility for dimensional change in wood products resulting from improper design rests with the design professional.
- b) Responsibility for dimensional change in wood products resulting from improper relative humidity exposure during site storage and installation rests with the general contractor.
- c) Responsibility for dimensional change in wood products resulting from humidity extremes after occupancy rests with the owner.

3.1.4 Manufacturer/Supplier and Installer

- a) Shall not be held responsible for damage or injury caused by failure to comply with these requirements.

3.2 Material

3.2.1 Delivery

- a) Shall be made in accordance with a progress schedule furnished by the contractor and, for climate controlled applications, in an area in which the wet work is dry, the overhead work is complete, and the area is broom clean.

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

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