



O5.6.2010

**SOLID SAWN-NATURALLY DURABLE HARDWOOD CROSSARMS &  
BRACES – SPECIFICATIONS AND DIMENSIONS**

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#### O5.6.2010, *Solid Sawn-Naturally Durable Hardwood Crossarms & Braces – Specifications and Dimensions.*

Is an American National Standard developed by the **ASC O5 – Wood Poles and Wood Products.**

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**ANSI O5.6.2010**

American National Standard for Wood Poles and Wood Products

**SOLID SAWN-NATURALLY DURABLE HARDWOOD CROSSARMS &  
BRACES – SPECIFICATIONS & DIMENSIONS**

Secretariat

**American Wood Protection Association**

Approved October 13, 2010

**American National Standards Institute, Inc.**

**Abstract**

This standard consists of specifications covering solid sawn-naturally durable hardwood crossarms and braces.

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**FOREWORD**

The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with the American National Standards Institute’s (ANSI’s) requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.

This standard was developed by Accredited Standards Committee O5 on Specifications for Wood Crossarms & Braces (ASC O5) under the sponsorship of the American Wood Protection Association (AWPA). This Committee was organized in December 1924 and has produced revisions of this specification from time to time as required or deemed beneficial.

ANSI guidelines specify two categories of requirements: mandatory and recommendation. The mandatory requirements are designated by the word *shall* and recommendations by the word *should*. Where both a mandatory requirement and a recommendation are specified for the same criterion, the recommendation represents a goal currently identifiable as having distinct compatibility or performance advantages.

Suggestions for improvement of this standard will be welcome. They should be sent to ASC O5 Secretariat, c/o AWPA, P.O. Box 361784, Birmingham, AL 35236 <www.awpa.com>.

This standard was processed and approved for submittal to ANSI by Accredited Standards Committee O5 on Specifications for Wood Crossarms & Braces. Committee approval of the standard does not necessarily imply that all Committee members voted for its approval.

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American National Standard for Wood Poles and Wood Products –

## Solid Sawn-Naturally Durable Hardwood Crossarms & Braces – Specifications & Dimensions

### 1 SCOPE & GENERAL REQUIREMENTS

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#### 1.1 *Scope*

This standard consists of specifications covering solid sawn-wood crossarms and braces manufactured from naturally durable hardwoods. The specifications are intended to cover communications crossarms, power crossarms, heavy-duty crossarms, and heavy-duty braces. Crossarms are intended primarily for use as beams. Heavy-duty crossarms may also be used as struts or columns in braced H-frames. Braces used may be tension-type, compression-type, or both.

Only crossarms and braces that meet the naturally durable hardwood species criteria established in this Standard will be allowed to be listed as an approved naturally durable hardwood cross arm or brace.

All naturally durable hardwood crossarms and braces listed in this Standard shall be tested in accordance with ASTM D2017 - 05 and have an Indicated Class of Resistance of "Resistant" for all applicable test fungi.

NOTE: This Standard does not purport to establish the durability or Indicated Class Resistance of any particular species listed herein. The users of this Standard shall review all pertinent data and make their own determination as to the appropriateness of the natural durability of a particular species for the user's application.

#### 1.2 *General Requirements*

All naturally durable hardwoods for crossarms and braces shall originate from managed forests with sustainable forest management practices and shall be certified by an agency or third party acceptable to the end user as a sustainably managed forest. Examples of such certifying organizations include Programme for the Endorsement of Forest Certification™ (PEFC), formerly the Pan European Forest Certification; Sustainable Forestry Initiative® (SFI), Forest Stewardship Council® (FSC); Sistema Brasileiro de Certificação Florestal (CERFLOR); as well as others.

Complete detailed instructions shall be given to the supplier whenever the requirements of this Standard are modified to meet special conditions.

### 2 NORMATIVE REFERENCES

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The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.