



## **ANSI O5.5-2010 (reaffirmed 2016)**

### **Wood Ground Wire Moulding: Specifications and Dimensions**

**AMERICAN NATIONAL STANDARD FOR WOOD UTILITY PRODUCTS**



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## ANSI O5.5-2010 (reaffirmed 2016), Wood Ground Wire Moulding: Specifications and Dimensions

is an American National Standard developed by **ASC O5 – Wood Utility Products**.

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American National Standard for Wood Utility Products

# **Wood Ground Wire Moulding: Specifications and Dimensions**

Secretariat  
**American Wood Protection Association, Inc.**

Approved September 23, 2016  
**American National Standards Institute, Inc.**

## ANSI O5.5-2010 (reaffirmed 2016)

### Foreword

This standard provides minimum specifications for the quality and dimensions of wood moulding used to protect ground wires on utility pole structures.

This standard was developed by Accredited Standards Committee O5 – Wood Utility Products (ASC O5) under the procedural administration of the American Wood Protection Association (AWPA). ASC O5 was organized in December 1924 and has produced revisions of this standard from time to time as required or deemed beneficial. This standard is the 2016 reaffirmation of American National Standard ANSI O5.5-2010.

Suggestions for improvement of this standard will be welcomed. They should be sent to ASC O5 through its Secretariat: American Wood Protection Association, P.O. Box 361784, Birmingham, AL 35236 <[www.awpa.com](http://www.awpa.com)>.

This standard was processed and approved for submittal to ANSI by ASC O5. Committee approval of this standard does not necessarily imply that all committee members voted for its approval. At the time it processed and approved this standard, ASC O5 had the following leadership and members:

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 Brian Flynn, ASC O5 Vice-Chair  
 Colin McCown, ASC O5 Executive Secretary and Editor

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Alamco Wood Products, LLC	Todd Brown
American Transmission Company	Justin Kavanaugh Bob Kluge (Alt.)
APA – The Engineered Wood Association	B.J. Yeh
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American National Standard for Wood Poles and Wood Products --

# Wood Ground Wire Moulding – Specifications & Dimensions

## 1 Scope

This standard provides minimum specifications for the quality and dimensions of wood moulding used to protect ground wires on utility pole structures.

## 2 Normative References

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.

AWPA U1, *Use Category System - User Specifications for Treated Wood*.<sup>1</sup>

AWPA T1, *Use Category System - Processing and Treatment Standard*.<sup>1</sup>

## 3 Material & Dimensions

### 3.1 Wood Species

These specifications cover ground wire moulding made of Douglas-fir (*Pseudotsuga menziesii*) or red oak (*Quercus rubra* group).

### 3.2 Dimensions (Dry), Dressed, & Beveled

Width	Height	Groove Width	Groove Height
7/8 in. (22 mm)	3/4 in (19 mm)	7/16 in (11 mm)	7/16 in (11 mm)
1 in (25 mm)	7/8 in (22 mm)	1/2 in (13 mm)	1/2 in (13 mm)
1 3/8 in (35 mm)	1 1/8 in (29 mm)	3/4 in (19 mm)	3/4 in (19 mm)
1 3/4 in (44 mm)	1 7/16 in (37 mm)	1 in (25 mm)	1 in (25 mm)

### 3.3 Tolerances

The allowable tolerances are measured in the dry condition and are as follows:

- ◆ *Cross-section dimensions*: ± 1/32 in (0.8 mm).
- ◆ *Length*: ± 1 in (25 mm).
- ◆ *Bevel*: 1/32 in (0.8 mm) ± 1/64 in (0.4 mm).

<sup>1</sup>) This document is available from the American Wood Protection Association. < <http://www.awpa.com> >