



ANSI O5.5-2016

Wood Ground Wire Moulding: Specifications and Dimensions

AMERICAN NATIONAL STANDARD FOR WOOD UTILITY PRODUCTS



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ANSI O5.5-2016, 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 O5.5-2016

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 supersedes 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>.

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:

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

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Minnesota Power	Reed Rosandich
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Organization Represented	Name of Representative
National Rural Electric Cooperatives Association	Jim Carter Nick Klein (Alt.)
North American Wood Pole Council	Martin Rollins Kevin Ragon (Alt.)
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Osmostics Utilities Services, Inc.	Nelson Bingel
Outside Plant Consulting Services, Inc.	Larry Slavin
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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*.¹

AWPA T1, *Use Category System - Processing and Treatment Standard*.¹

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).

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