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AS/NZS 2098.1:1996 Methods of test for veneer and plywood - Method 1: Moisture content of veneer and plywood

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Abbreviation

AS/NZS 2098.1:1996

Valid from

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Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

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New Zealand Standard

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Description

The Part 1: 'Moisture content of Veneer and Plywood' of this Standard describes two methods for determining the moisture content of veneer and plywood, viz. the oven-dry method and the electrical resistance measuring method; provision is made for other electrical methods.

Scope

1. The 'oven-dry' method is more precise but more complex than the electrical resistance measuring method; it is also destructive.
2. The electrical resistance measuring method is rapid but usable only within a limited range of moisture content. It may be inaccurate for some preservative-treated veneer and plywood, and some adhesives. The degree of inaccuracy varies with differing moisture contents.

Other methods for determining the moisture content may be preferable for some applications, but the methods specified herein are universal. These other methods include the capacitance measuring method, the hygrometer method, the distillation method (Method C) described in ASTM D442, Standard test methods for direct moisture content measurement of wood and wood-based materials, and the Karl Fischer titration method described in ISO 760, Determination of water—Karl Fischer method (General method), which are suitable for test pieces containing volatile materials.

For further information, including correction data for temperature and species, AS/NZS 1080.1, Methods of testing timber, Method 1: Moisture content, should be consulted.

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Standard is superseded by AS/NZS 2098.1:2006

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The Part 1: 'Moisture content of Veneer and Plywood' of this Standard describes two methods for determining the moisture content of veneer and plywood, viz. the oven-dry method and the electrical resistance measuring method; provision is made for other electrical methods.

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