

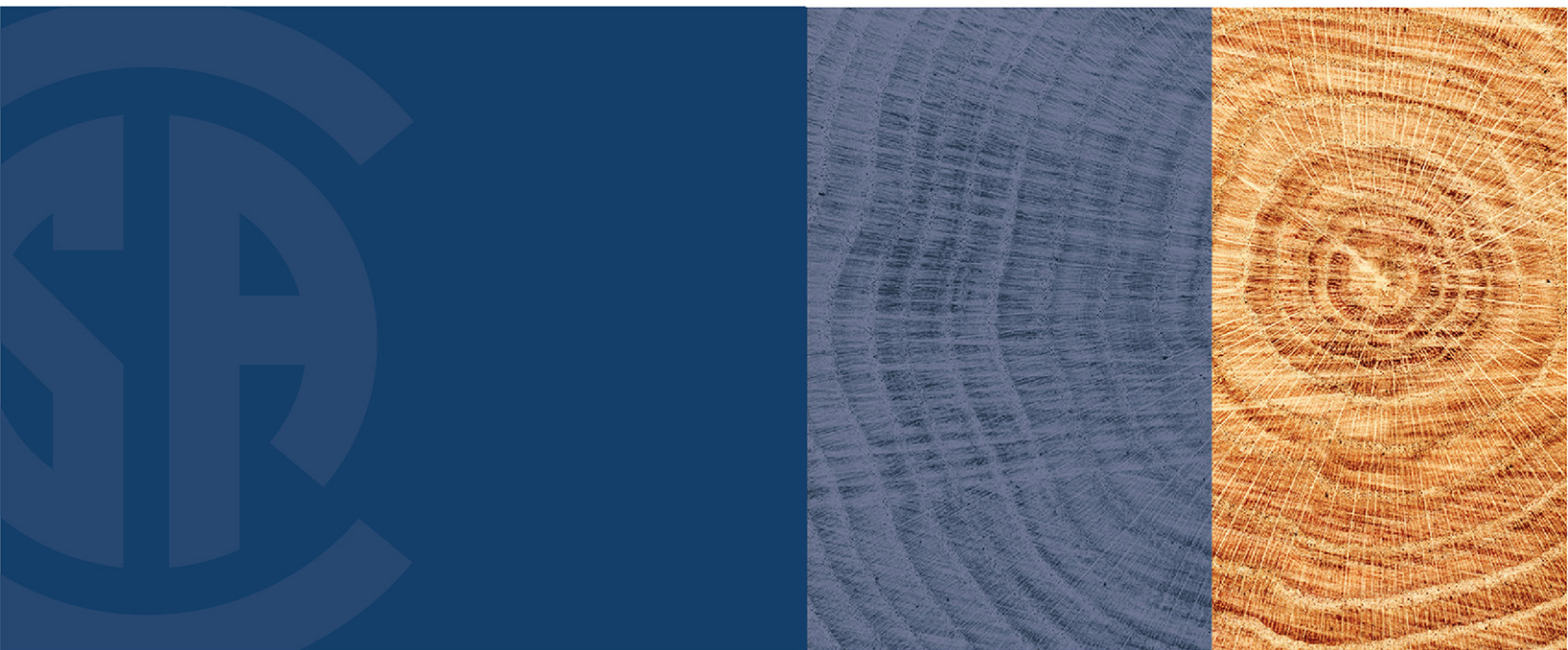


CSA 0153:19

National Standard of Canada



Poplar plywood



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Preface

This is the fifth edition of CSA O153, *Poplar plywood*. It supersedes the previous editions published in 2013, 1980, 1976, and 1963.

This Standard specifies an in-plant production and quality control system that includes auditing and control by a recognized certification body if applicable. It also provides a mechanism for the specification, quality control, and allows the use of alternative overlay systems.

Changes in the fifth edition include the following:

- a) updated some reference publications;
- b) editorial changes for consistency with other recent CSA plywood standards; and
- c) updated the high-density and medium-density overlay plywood in Annex C.

This Standard was prepared by the Technical Committee on Wood-Based Panels, under the Strategic Steering Committee on Construction and Civil Infrastructure, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.*
- 3) *This Standard was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this Standard.*
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 - a) *define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;*
 - b) *provide an explanation of circumstances surrounding the actual field condition; and*
 - c) *where possible, phrase the request in such a way that a specific “yes” or “no” answer will address the issue.*

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 - a) *Standard designation (number);*
 - b) *relevant clause, table, and/or figure number;*
 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*

CSA O153:19

Poplar plywood

1 Scope

1.1

This Standard applies to exterior bond, all-veneer plywood that has a minimum of three plies and whose outermost plies have parallel grain direction.

1.2

This Standard specifies requirements for

- a) a quality system;
- b) materials;
- c) panel construction;
- d) bonding;
- e) veneer and panel grades;
- f) dimensions and tolerances;
- g) marking; and
- h) testing.

1.3

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; “may” is used to express an option or that which is permissible within the limits of the standard; and “can” is used to express possibility or capability.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.

Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.

2 Reference publications

This Standard refers to the following publications, and where such reference is made, it shall be to the edition listed below, including all amendments published thereto.

CSA Group

O86-19

Engineering design in wood

O112.9-10 (R2019)

Evaluation of adhesives for structural wood products (exterior exposure)