# INTERNATIONAL STANDARD

ISO 12579

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# Timber structures — Glued laminated timber — Method of test for shear strength of glue lines

Structures en bois — Bois lamellé-collé — Méthode d'essai de cisaillement des plans de collage

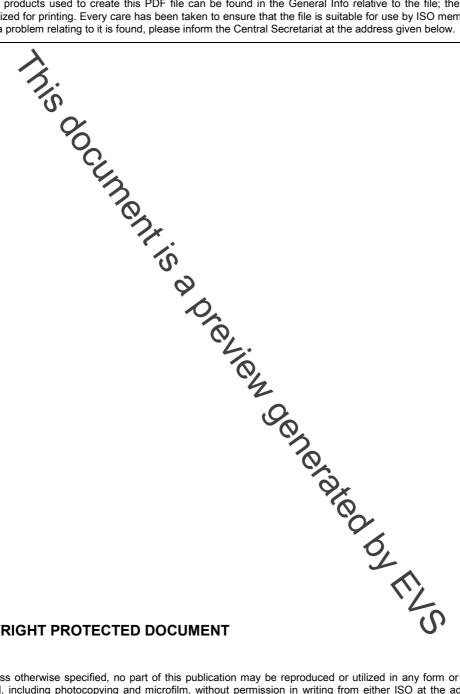


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## **Foreword**

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 12579 was prepared by Technical Committee ISO/TC 165, Timber structures.

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## Introduction

This International Standard was developed by TC 165 as a production quality-control test to be used for structural glulam. It is meant to be used in conjunction with ISO 12578 and to be applied to each production batch. The frequency of testing and the pass/fail criteria are detailed in ISO 12578. There is nothing, in principle, that would prevent the test method from being applied to non-structural glulam.

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## Timber structures — Glued laminated timber — Method of test for shear strength of glue lines

This International Standard specifies a production quality-control test method for measuring the shear strength of the glue line of glue aminated timber.

#### 2 Normative refere

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

laminated timber — Component performance and production ISO 12578, Timber structures requirements

#### Terms and definitions

and definitions apply. For the purposes of this document, the following terr

#### 3.1

### glued laminated timber

structural member formed by bonding together timber lamination with the grain running essentially parallel

#### 3.2

test sample one or more test specimens taken from a press load or production lot detailed in ISO 12578

#### 3.3

## test specimen

test piece of rectangular prismatic or cylindrical form

See Figures 2 to 5.

#### 3.4

#### wood failure

rupture in or between wood fibres

#### wood-failure percentage

percentage of the wood-failure area in relation to the total sheared area

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