

**Puitkonstruktsioonid. Katsemeetodid.
Puitraamiga seinaplaatide
tõmbetugevus ja jäikus**

Timber structures - Test methods - Racking strength
and stiffness of timber frame wall panels

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 594:1999 sisaldab Euroopa standardi EN 594:1995 ingliskeelset teksti.	This Estonian standard EVS-EN 594:1999 consists of the English text of the European standard EN 594:1995.
Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

Käsitlusala: Standard määrab kindlaks katsemeetodi, mida kasutatakse puitraamiga seinaplaatide tõmbetugevuse ja jäikuse määramiseks. Katsemeetod on eeskätt mõeldud nimetatud paneelide valmistamiseks kasutatud materjalide käitusunäitajate võrdlemiseks ja konstruktsioonide projekteerimiseks vajalike baasandmete saamiseks.	Scope:
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ICS 91.080.20

Võtmesõnad: jaotused, mehaaniline tugevus, mehaanilised katsed, määramine, puitkonstruktsioon, puitlaastplaadid, seinad

ICS 79.060.00; 91.060.10.

Descriptors: Timber structures; frame wall panels; testing.

English version

Timber structures

Test methods

Racking strength and stiffness of timber frame wall panels

Structures en bois; méthodes d'essai;
essai de raideur et résistance au contre-
ventement des murs à ossature en bois

Holzbauwerke; Prüfverfahren; Wand-
scheibentragfähigkeit und -steifigkeit von
Wänden in Holztafelbauart

This European Standard was approved by CEN on 1995-11-04.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 124 "Timber Structures" of which the secretariat is held by DS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 1996, and conflicting national standards shall be withdrawn at the latest by June 1996.

NOTE: It is considered desirable to maintain the same clause numbers consistently throughout this series of standards. Consequently some clauses are void in this edition of this standard, but it is envisaged that future editions may need to include text in these clauses.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This standard specifies the test method to be used in determining the racking strength and stiffness of timber frame wall panels.

The test method is intended, primarily for panels as described, to provide:

- comparative performance values for the materials used in the manufacture of the panels and
- datum information for use in structural design.

The principle of the test method is suited to other sizes or shapes of panels and to panels which are partially sheathed and to combinations of panels. The requirements for such panels and their testing are given in Annex A.

2 Normative references

None.

3 Definitions

For the purposes of this standard, the following definitions apply: