

Puitplaadid.

Tunnusväärtused ehitusprojekteerimiseks.

Osa 2: Vineer

Wood-based panels - Characteristic values
for structural design - Part 2: Plywood

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12369-2:2004 sisaldab Euroopa standardi EN 12369-2:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.05.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12369-2:2004 consists of the English text of the European standard EN 12369-2:2004.</p> <p>This document is endorsed on 18.05.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard provides information on the characteristic values for use in designing structures incorporating wood based panels. The characteristic values given are as defined in ENV 1995-1-1. This standard includes the characteristic values of the mechanical properties for plywood complying with EN 636 and the requirements of EN 13986 when used in a bending mode.</p>	<p>Scope:</p> <p>This European Standard provides information on the characteristic values for use in designing structures incorporating wood based panels. The characteristic values given are as defined in ENV 1995-1-1. This standard includes the characteristic values of the mechanical properties for plywood complying with EN 636 and the requirements of EN 13986 when used in a bending mode.</p>
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English version

Wood-based panels - Characteristic values for structural design - Part 2: Plywood

Panneaux à base de bois - Valeurs caractéristiques pour la
conception structurelle - Partie 2: Contreplaqué

Holzwerkstoffe - Charakteristische Werte für die Berechnung
un Bemessung von Holzbauwerken - Teil 2: Sperrholz

This European Standard was approved by CEN on 2 January 2004.

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Foreword

This document (EN 12369-2:2004) has been prepared by Technical Committee CEN/TC 112 "Wood-based panels", the secretariat of which is held by DIN.

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 August 2004, and conflicting national standards shall be withdrawn at the latest by August 2004.

This standard is intended to be used in conjunction with ENV 1995-1-1.

NOTE prEN 1995-1-1 is in preparation.

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This European Standard provides information on the characteristic values for use in designing structures incorporating wood based panels. The characteristic values given are as defined in ENV 1995-1-1.

This standard includes the characteristic values of the mechanical properties for plywood complying with EN 636 and the requirements of EN 13986 when used in a bending mode.

Advice on obtaining the characteristic values for tension and compression for plywood by either testing or calculation is provided. Conservative values for shear are also included.

Characteristic values for OSB, particleboards and fibreboards are given in EN 12369-1. A further part of the standard for characteristic values of solid wood panels is in preparation.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 636, *Plywood — Specifications.*

EN 789, *Timber structures — Test methods — Determination of mechanical properties of wood-based panels.*

EN 1058, *Wood-based panels — Determination of characteristics values of mechanical properties and density.*

ENV 1995-1-1 (Eurocode 5), *Design of timber structures — Part 1-1: General rules and rules for buildings.*

3 Terms and definitions and symbols

3.1 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply.