

**Puitplaadid. Plaatide mõõtmete määramine. Osa 1:  
Paksuse, laiuse ja pikkuse määramine**

Wood-based panels - Determination of dimensions of boards - Part 1: Determination of thickness, width and length

## EESTI STANDARDI EESSÕNA

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<p>Käesolev Eesti standard EVS-EN 324-1:2002 sisaldab Euroopa standardi EN 324-1:1993 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 15.03.2002 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 26.02.1993.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 324-1:2002 consists of the English text of the European standard EN 324-1:1993.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 15.03.2002 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 26.02.1993.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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**Võtmesõnad:** katsemeetod, laius, osb, paksus, pikkus, plaatide mõõtmed, puitkiudplaat, puitlaastplaat, puitplaat, tsementsideainega puitlaastplaat, vineer

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Descriptors: Wood-based panel, fibreboard, particleboard, OSB, cement-bonded particleboard, test method, dimensions of boards, thickness, width, length.

English version

Wood-based panels

Determination of dimensions of boards

Part 1: Determination of thickness, width and length

Panneaux à base de bois; détermination des dimensions des panneaux. Partie 1: Détermination de l'épaisseur, de la largeur et de la longueur

Holzwerkstoffe; Bestimmung der Plattenmaße. Teil 1: Bestimmung der Dicke, Breite und Länge

This European Standard was approved by CEN on 1992-12-15.

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**CEN**

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### Foreword

This European Standard was prepared by Working Group 4 'Common test methods' (Secretariat: BSI) of Technical Committee CEN/TC 112 'Wood-based panels', the Secretariat of which is held by DIN.

The text is based on ISO 9426-1 : 1989 which has been developed with European participation.

This Standard is one of a series of standards specifying methods of test for determining dimensions and properties of wood-based panels.

No existing European Standard is superseded.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, by August 1993 at the latest, and conflicting national standards withdrawn, by December 1994 at the latest. 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 European Standard specifies methods for measuring the thickness, width and length of wood-based panels.

It applies to whole flat boards.

The methods for the determination of squareness and edge straightness are specified in EN 324-2.

### 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.

EN 322 Wood-based panels; determination of moisture content

EN 326-1 Wood-based panels; sampling, cutting and inspection. Part 1: Sampling and cutting of test pieces and expression of test results<sup>1)</sup>

### 3 Principle

Thickness, length and width of full-size boards are determined by linear measurement.

<sup>1)</sup> At present at the draft stage.

### 4 Sampling

Sampling of panels shall be in accordance with EN 326-1.

### 5 Moisture content at time of measurement

Normally, the dimensions of boards are measured in the as-received state.

If necessary, the moisture content of the boards shall be determined in accordance with EN 322.

### 6 Conditioning

If necessary, the boards shall be conditioned to constant mass in an atmosphere with a relative humidity of  $(65 \pm 5)\%$  and a temperature of  $(20 \pm 2)^\circ\text{C}$ . Constant mass is considered to be reached when the results of two successive weighing operations, carried out at an interval of 24 h, do not differ by more than 0,1 % of the mass of the board.

### 7 Apparatus

#### 7.1 Instrument for thickness measurement

Micrometer, or similar measuring instrument, having flat and parallel circular measuring surfaces of  $(16 \pm 1)$  mm diameter and an operating force of  $(4 \pm 1)$  N. The graduation of the apparatus shall allow a reading to 0,05 mm.