

**PUITKIUDPLAADID. SPETSIFIKAADID. OSA
1:ÜLDNÕUDED**

**Fiberboards - Specifications - Part 1: general
requirements**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 622-1:2001 sisaldab Euroopa standardi EN 622-1:1997 ingliskeelset teksti.	This Estonian standard EVS-EN 622-1:2001 consists of the English text of the European standard EN 622-1:1997.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.06.1997.	Date of Availability of the European standard is 18.06.1997.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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Descriptors: wooden boards, fibreboards, characteristics, specifications

English version

Fibreboards - Specifications - Part 1: General requirementsPanneaux de fibres - Exigences - Partie 1:
Exigences généralesFaserplatten - Anforderungen - Teil 1:
Allgemeine Anforderungen

This European Standard was approved by CEN on 1997-04-21. 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.

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 112 "Wood-based panels" the secretariat of which is held by DIN.

This standard is one of a series specifying requirements for fibreboards. The titles of the other parts of this series are listed in clause 2.

In some CEN member countries, legislative requirements concerning the formaldehyde emission of wood-based panels exist. These A-deviations are outlined in the informative annex C.

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of an identical text or by endorsement, at the latest by December 1997, and conflicting national standards shall be withdrawn at the latest by December 1997.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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

1 Scope

This European Standard specifies the requirements for some properties which are common to all uncoated fibreboard types as defined in EN 316.

2 Normative references

This 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 standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 120

Wood-based panels – Determination of formaldehyde content – Extraction method called the perforator method

EN 316

Wood fibreboards – Definition, classification and symbols

EN 322

Wood-based panels – Determination of moisture content

EN 323

Wood-based panels – Determination of density

EN 324-1

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

EN 324-2

Wood-based panels – Determination of dimensions of boards – Part 2: Determination of squareness and edge straightness

EN 622-2

Fibreboards – Specifications – Part 2: Requirements for hardboards

EN 622-3

Fibreboards – Specifications – Part 3: Requirements for medium boards

EN 622-4

Fibreboards – Specifications – Part 4: Requirements for softboards

EN 622-5

Fibreboards – Specifications – Part 5: Requirements for dry process boards (MDF)

3 Requirements

Fibreboards shall comply with the general requirements listed in table 1 and the thickness tolerances listed in table 2 when dispatched from the producing factory. For certain uses of fibreboards (see specific standards for fibreboards types and general performance standards for wood-based panels), in the case of dispatch in cut sizes, or when further machined (e.g. tongued and grooved), special tolerances for nominal dimensions, squareness and edge straightness may be agreed upon. The values given in table 1 and table 2 for tolerances for nominal dimensions (thickness, width and length), squareness, edge straightness and density within a panel, are characterized by a moisture content in the material corresponding to a temperature of 20 °C and a relative humidity of 65 %. Properties not required for specific board types are marked "–".

The requirements relating to formaldehyde potential (perforator value) shall be met by the 95 percentile value based on test values of individual boards. The 95 percentile value shall be equal to or less than the value given in table 1.