

Fibreboards - Specifications - Part 1: General requirements

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requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 622-1:2003 sisaldab Euroopa standardi EN 622-1:2003 ingliskeelset teksti.	This Estonian standard EVS-EN 622-1:2003 consists of the English text of the European standard EN 622-1:2003.
Käesolev dokument on jõustatud 16.05.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 16.05.2003 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: This European Standard specifies the requirements for some properties which are common to all uncoated fibreboard types as defined in EN 316	Scope: This European Standard specifies the requirements for some properties which are common to all uncoated fibreboard types as defined in EN 316
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Võtmesõnad: board, colour codes, dimensions, fibre building board, fibreboards, formaldehyde, general section, marking, measurement, plates, properties, specification (approval), specifications, tolerances, tolerances (measurement), wood, woodbased sheet materials, wooden boards

English version

Fibreboards - Specifications - Part 1: General requirements

Panneaux de fibres - Exigences - Partie 1: Exigences
générales

Faserplatten - Anforderungen - Teil 1: Allgemeine
Anforderungen

This European Standard was approved by CEN on 3 March 2003.

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 Management Centre 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 Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 622-1:2003) 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 October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

This document supersedes EN 622-1:1997.

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.

Compared to EN 622-1:1997 the following modifications have been made:

- a) annex A with A-deviations for formaldehyde emission has been deleted. The formaldehyde classes according to EN 13986 have taken into account in Table 1 and Table 3.
- b) EN 326-2 and EN 326-3 have been added as normative references in clause 4.

Annex A is normative.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

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

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 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 326-2, *Wood-based panels — Sampling, cutting and inspection — Part 2: Quality control in the factory.*

EN 326-3, *Wood-based panels — Sampling, cutting and inspection — Part 3: Inspection of a consignment of panels.*

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).*

ENV 717-1, *Wood-based panels — Determination of formaldehyde release — Part 1: Formaldehyde emission by the chamber method.*

EN 717-2, *Wood-based panels — Determination of formaldehyde release — Part 2: Formaldehyde release by the gas analysis method.*

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 “—”.