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IRISH STANDARD

**I.S. EN 622-1:2003**

ICS 79.060.20

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# FIBREBOARDS - SPECIFICATIONS -

# PART 1: GENERAL REQUIREMENTS

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EUROPEAN STANDARD

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English version

# Fibreboards - Specifications - Part 1: General requirements

Panneaux de fibres - Exigences - Partie 1: Exigences générales

Faserplatten - Anforderungen - Teil 1: Allgemeine Anforderungen

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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of an identical text or by endorsement, at the latest by October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.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.

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## 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 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 ad 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 “—“.

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