



National Standards Authority of Ireland

STANDARD

I.S. EN 622-3:2004

ICS 79.060.20

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**FIBREBOARDS - SPECIFICATIONS - PART 3:
REQUIREMENTS FOR MEDIUM BOARDS**

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
May 19, 2004*

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 622-3

April 2004

ICS 79.060.20

Supersedes EN 622-3:1997

English version

Fibreboards - Specifications - Part 3: Requirements for medium boards

Panneaux de fibres - Exigences - Partie 3: Exigences pour
panneaux mi-durs

Faserplatten - Anforderungen - Teil 3: Anforderungen an
mittelharte Platten

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

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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 Central Secretariat has the same status as the official versions.

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Foreword

This document (EN 622-3:2004) 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of an identical text or by endorsement, at the latest by October 2004, and conflicting national standards shall be withdrawn at the latest by October 2004.

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

This document supersedes EN 622-3:1997.

The following, modifications have been made:

- a) The quality requirements of the panel types MBH.H, MBH.E, MBH.LA2, MBH.HLS1 and MBH.HLS2 have been modified.
- b) The test interval for moisture resistance has been reduced in accordance with EN 13986.

Annexes A, B and C are 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, 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.

EN 622-3:2004 (E)

1 Scope

This European Standard specifies the requirements for hardboards as defined in EN 316.

The values listed in this standard relate to product properties but they are not characteristic values to be used in design calculations¹⁾.

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 310:1993, *Wood-based panels — Determination of modulus of elasticity in bending and of bending strength*.

EN 317, *Particleboards and Fibreboards — Determination of swelling in thickness after immersion in water*.

EN 318, *Wood based panels - Determination of dimensional changes associated with changes in relative humidity*

EN 319, *Particleboards and Fibreboards — Determination of tensile strength perpendicular to the plane of the board*.

EN 326-1, *Wood-based panels — Sampling, cutting and inspection — Part 1: Sampling and cutting of test pieces and expression of test results*.

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 an isolated lot of panels*.

EN 622-1, *Fibreboards — Specifications — Part 1: General requirements*.

EN 1087-1:1995, *Particleboards - Determination of moisture resistance - Part 1: Boil test*

EN 12871, *Wood-based panels — Performance specifications and requirements for load-bearing boards for use in floors, walls and roofs*.

EN 13986:2002, *Wood-based panels for use in construction — Characteristics, evaluation of conforming and marking*.

ENV 1995-1-1:1993, *Eurocode 5 — Design of timber structures Part 1-1: General rules and rules for buildings*.

ISO 3340, *Fibre building boards — Determination of sand content*.

1) Such characteristic values (e.g. for use in design calculation in ENV 1995-1-1) are either given EN 12369-1 or derived by testing according to EN 789, EN 1058 and ENV 1156.

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